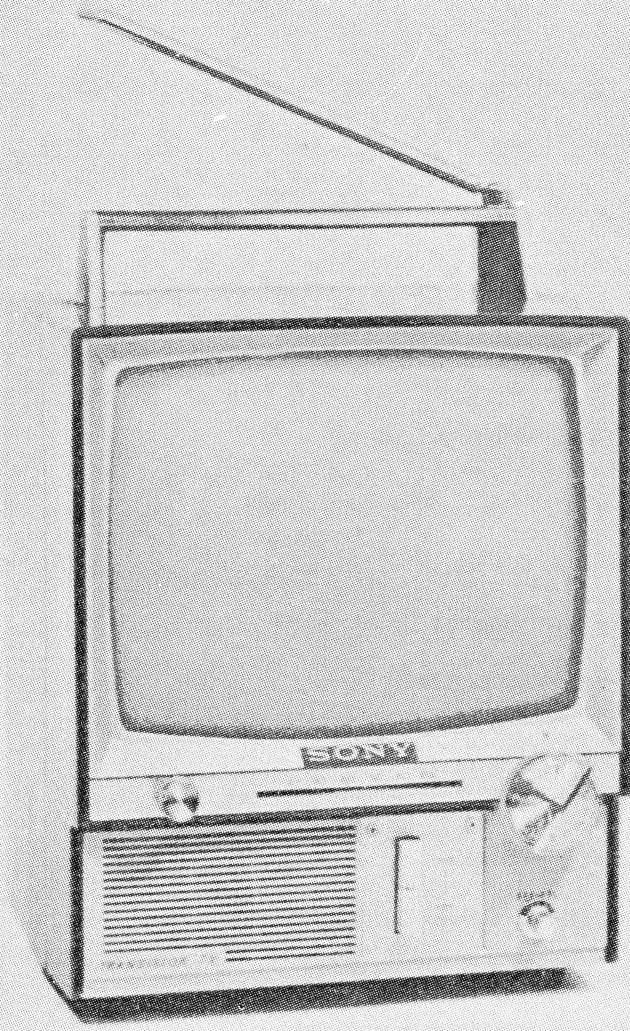
TV 9-306UD



Specifications

Picture Tube :	9″, 90° Deflection, Aluminized Screen
Transistor :	30 (6 Silicon-including 5 Epitaxial, 24 Germanium)
Diode :	21 (9 Silicon-including one Esaki Diode)
Channel Coverage :	British VHF Channels 1～13 British UHF Channels 21～69
IF Circuit :	3 Stages with 4 Stagger Tuned Elements
Separate-Carrier System :	Video Bandwidth ; 2.5 Mc/−3 dB British VHF (405 lines) Video IF (AM) 34.65 Mc Sound IF (AM) 38.15 Mc
Intercarrier System :	Video Bandwidth ; 3.5 Mc/−3 dB British UHF (625 lines) Video IF (AM) 39.50 Mc Sound IF (FM) 33.50 Mc
Resolution :	VHF (Vertical 300 lines, Horizontal 250 lines) UHF (Vertical 400 lines, Horizontal 320 lines)
Sound System :	Separate System (VHF) and 6.0 Mc Intercarrier (UHF) Systems Power Output Stage ; OTL System, 300 mW Speaker ; 2-3/4″ × 4″, 40 Ω Voice Coil
Automatic Control :	Diode AGC, Diode AFC, SYNC ANS (Automatic Noise Suppressor)
Power Requirement :	AC 240 V, 50 or 60 c/s, 12 V Battery (3.5 AH)
Power Consumption :	AC 23 W, DC 15 W (1.25 A)
Dimensions :	10-1/4″ (H) × 8-5/8″ (W) × 7-5/8″ (D)
Weight :	12 lbs.
Glare Proofing :	Smoked Filter, 70% Transparency

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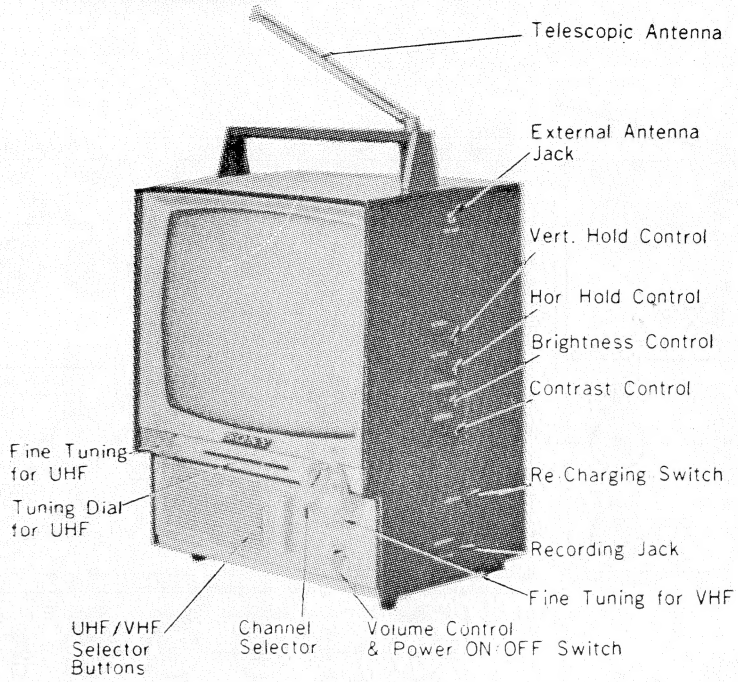
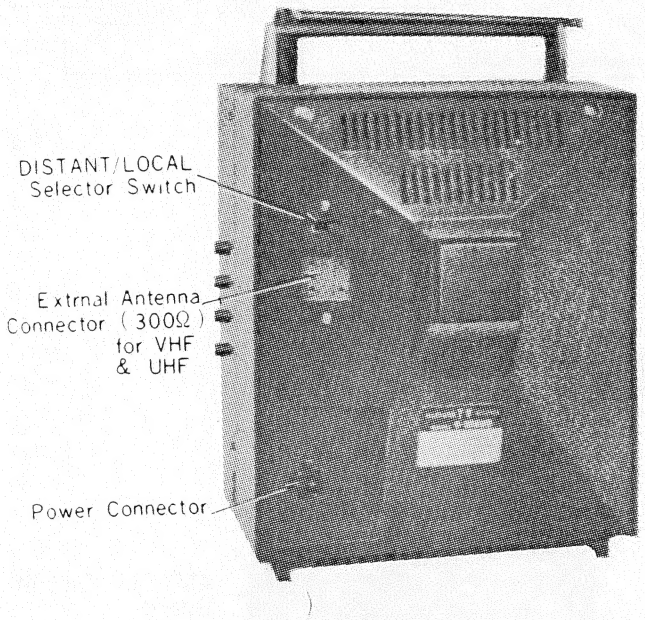
CONTENTS

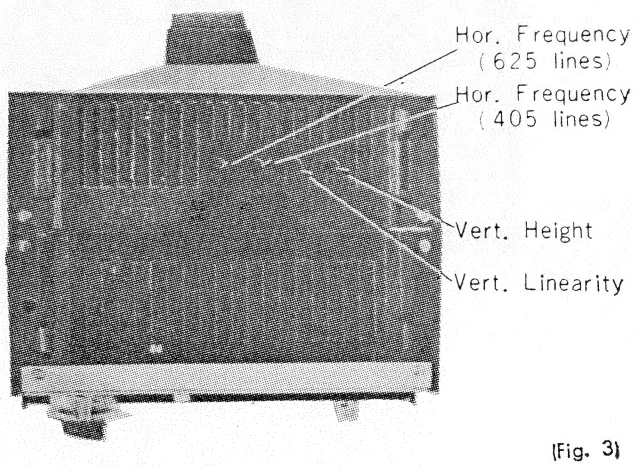
External View



(Fig. 1)

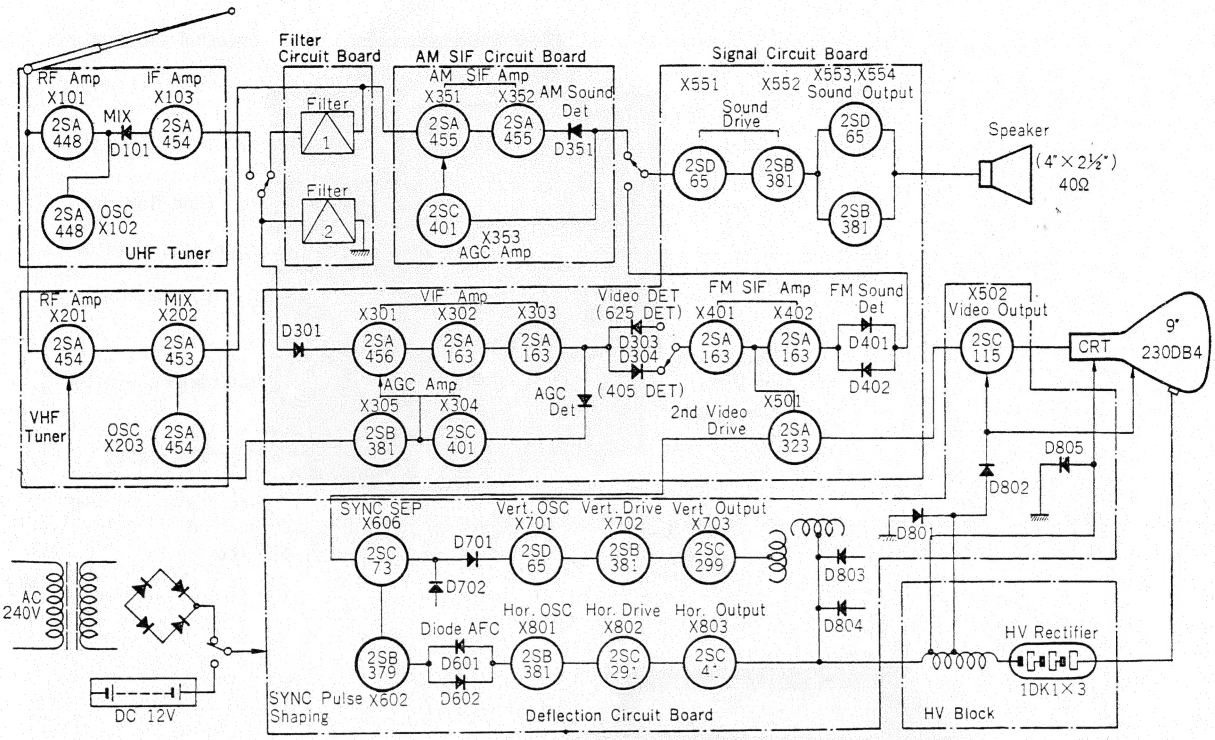


(Fig. 2)



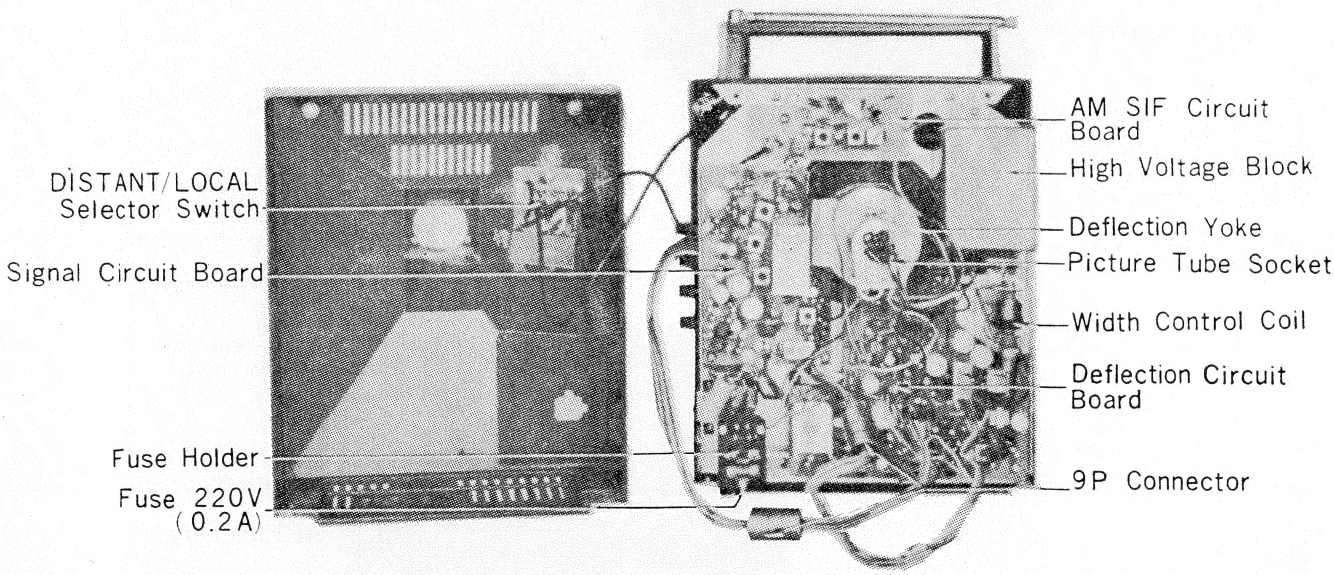
(Fig. 3)

Block Diagram



(Fig. 4)

Major Parts Location



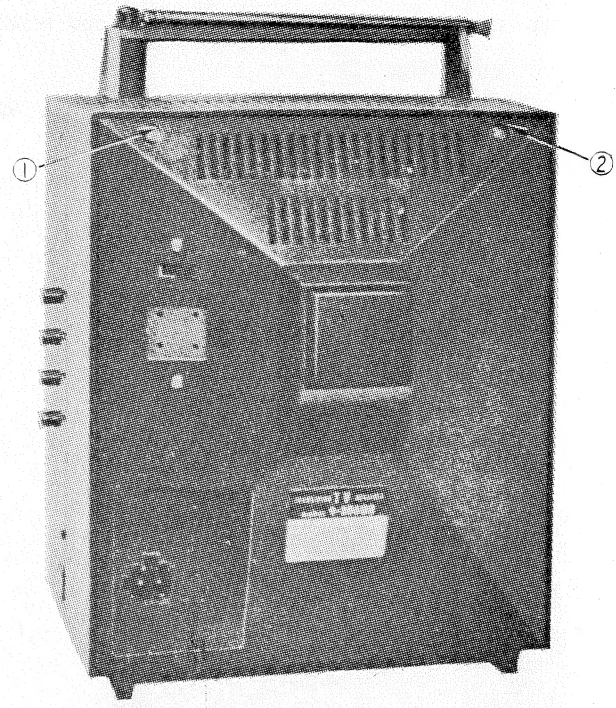
(Fig. 5)

Method of Disassembling the Set

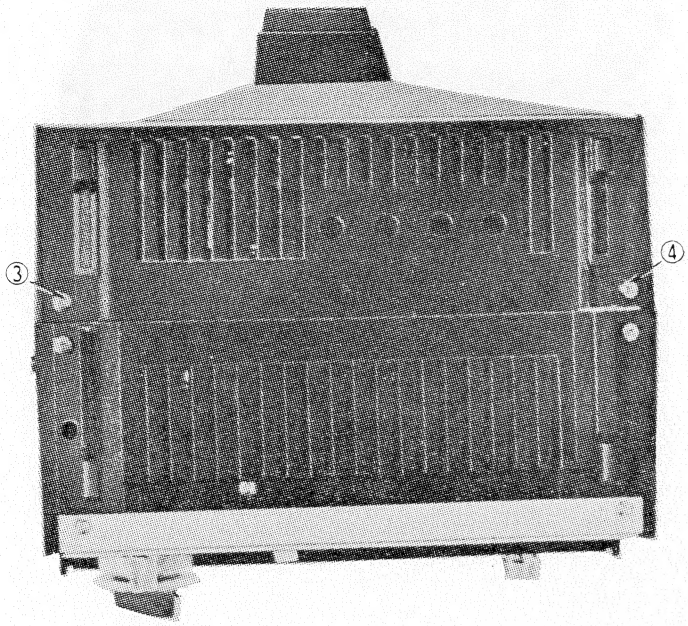
To Remove the Back Cabinet Cover

1) Remove the four Screws. (①, ②, ③ and ④ in Fig. 6 & 7)

2) Lift a Back Cabinet Cover straight up.



(Fig. 6)



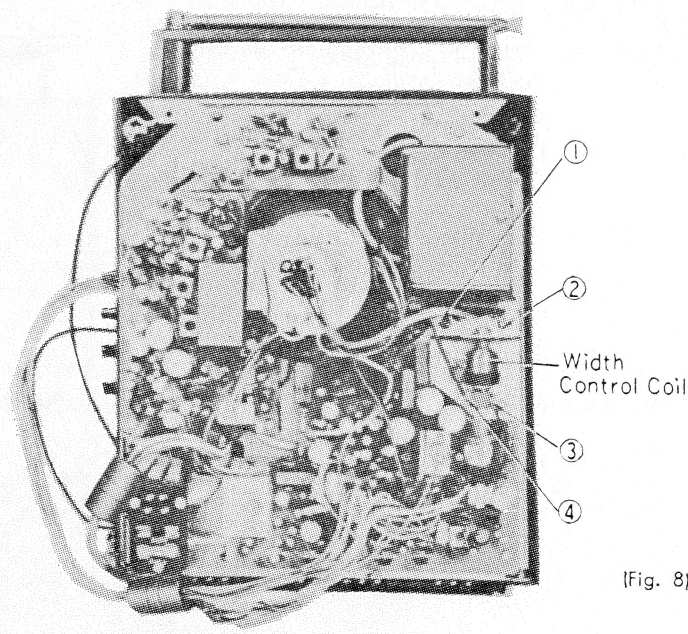
(Fig. 7)

To Remove the Width Control Coil

1) Remove the Back Cabinet Cover.

2) Remove the two Screws. (①, ② in Fig. 8)

3) Unsolder the Green lead and the Black lead. (③ and ④ in Fig. 8)

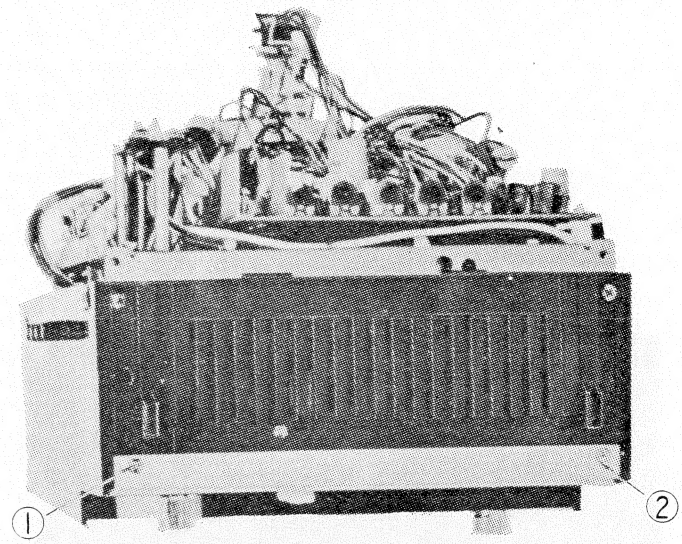


(Fig. 8)

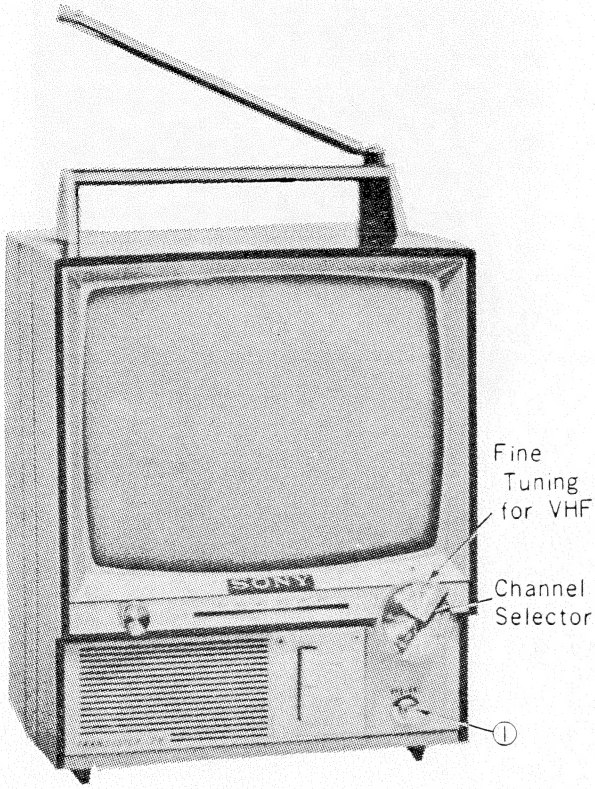
To Remove the Front Control Panel

1) Pull out Volume Control Knob, ① and remove the Channel Selector Knob by pulling the Fine Tuning Knob out. (Fig. 10)

2) Remove the two Screws. (①, ② in Fig. 9)



(Fig. 9)



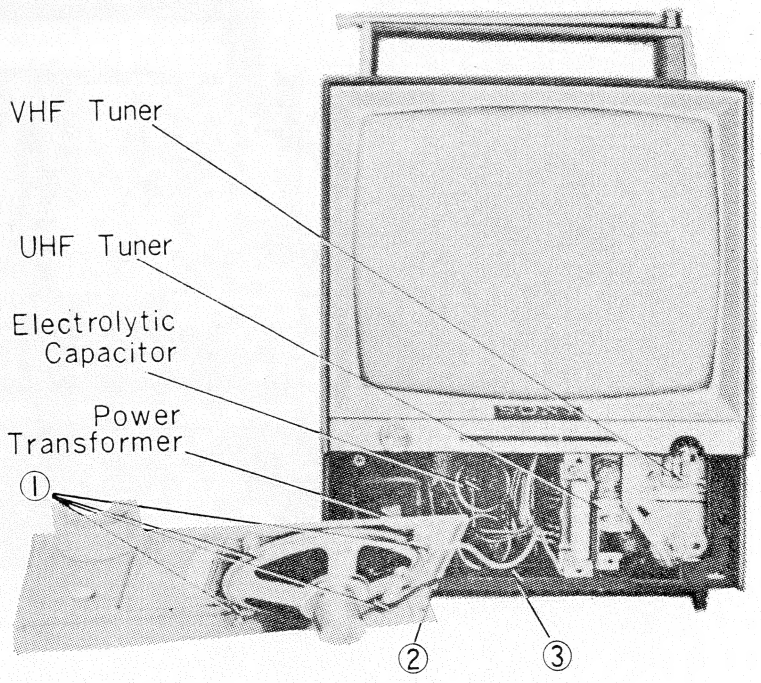
(Fig. 10)

To Remove the Speaker

1) Remove the Front Control Panel.

2) Remove the four Screws. (① in Fig. 11)

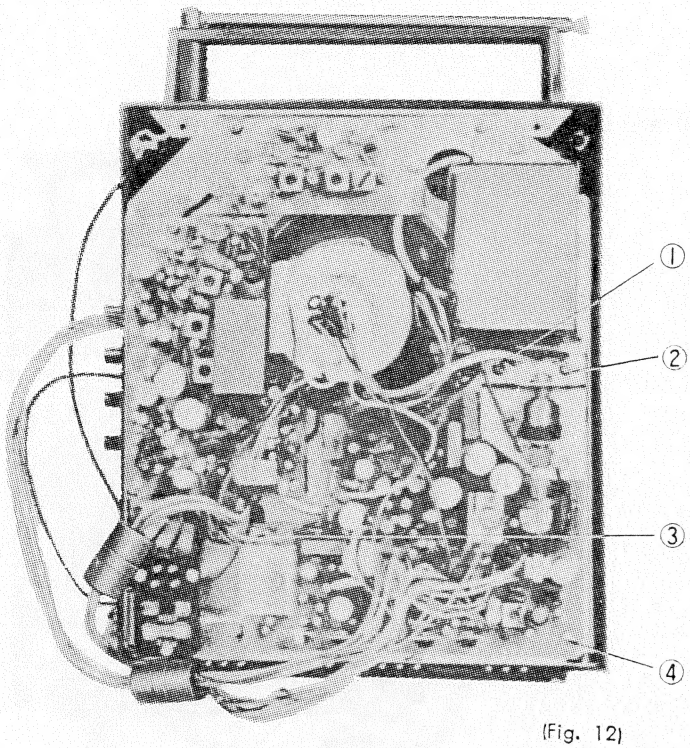
3) Unsolder the Black lead and the Gray lead from the Speaker. (② and ③ in Fig. 11)



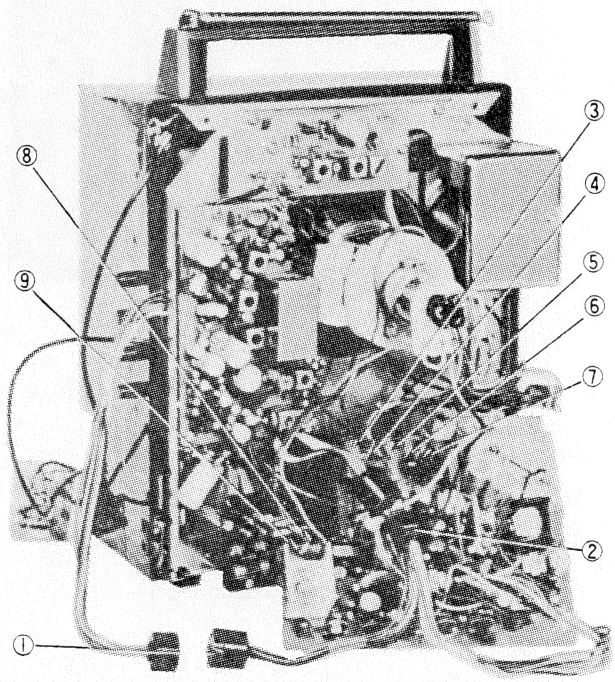
(Fig. 11)

To Remove the Deflection Circuit Board

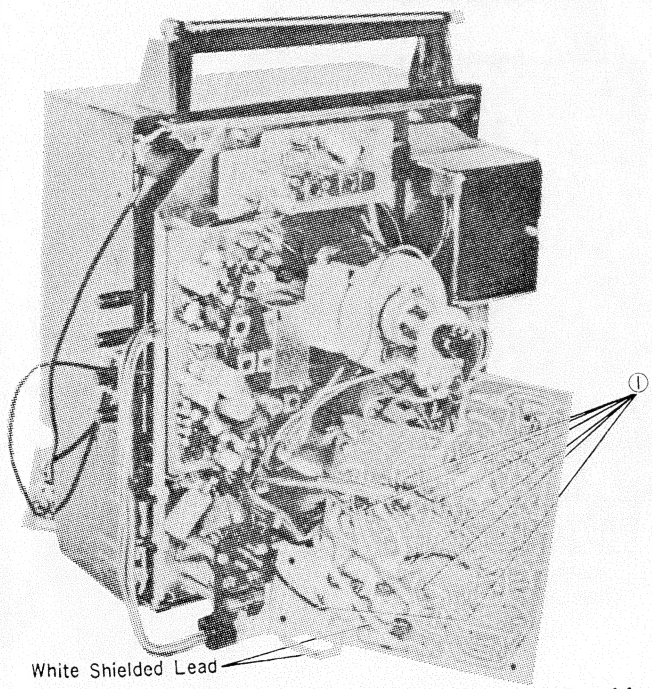
1) Remove the width Control Coil.
2) Remove the four Screws. (①, ②, ③, and ④ in Fig. 12)
3) Pull out the two 9P Connectors. (①, ② and seven Connectors ③, ④, ⑤, ⑥, ⑦, ⑧, and ⑨ Fig. 13)
4) Unsolder the White Shielded leads and the six leads (① in Fig. 14 Violet, Brown, Black, Red and two Blue).



(Fig. 12)



(Fig. 13)



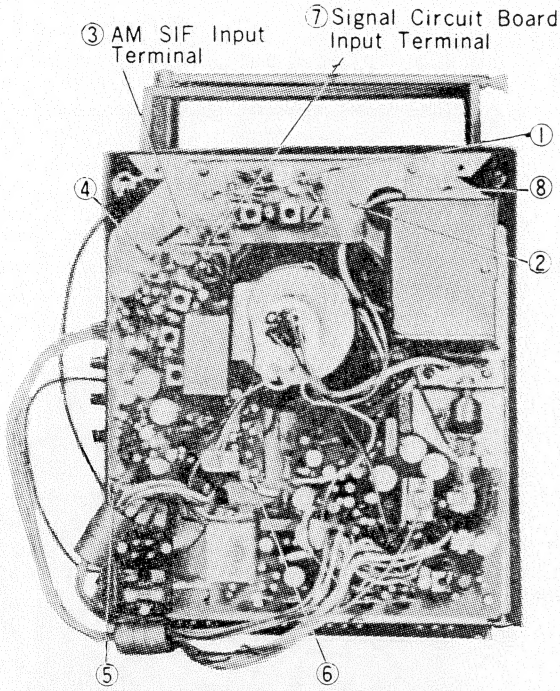
(Fig. 14)

To Remove the Signal Circuit Board

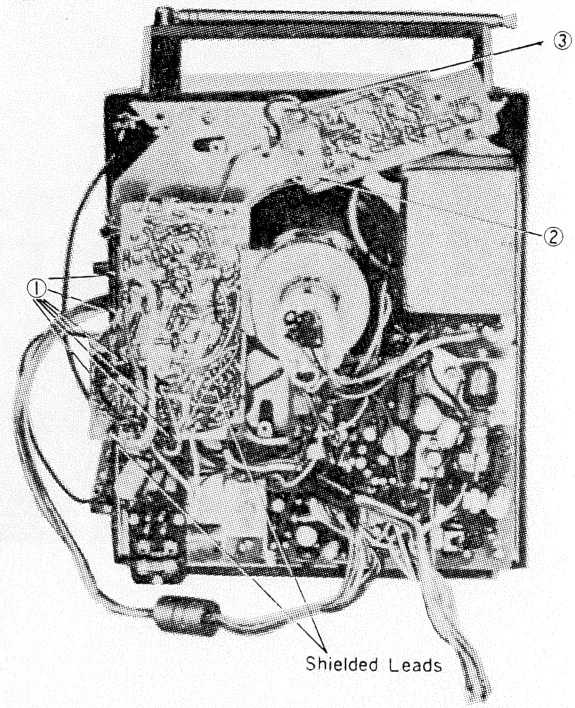
1) Remove the three Screws. (④, ⑤ and ⑥ in Fig. 15)
2) Pull out the Connector. (⑦ in Fig. 15)
3) Unsolder the two Gray Shielded leads and the six leads (① in Fig. 16, Yellow, Violet, Black, White and two Brown).

To Remove the AM•SIF Circuit Board

1) Remove the two Screws. (①, ② in Fig. 15)
2) Pull out the Connector. (③ in Fig. 15)
3) Unsolder the Brown leads and Gray leads. (② and ③ in Fig. 16)



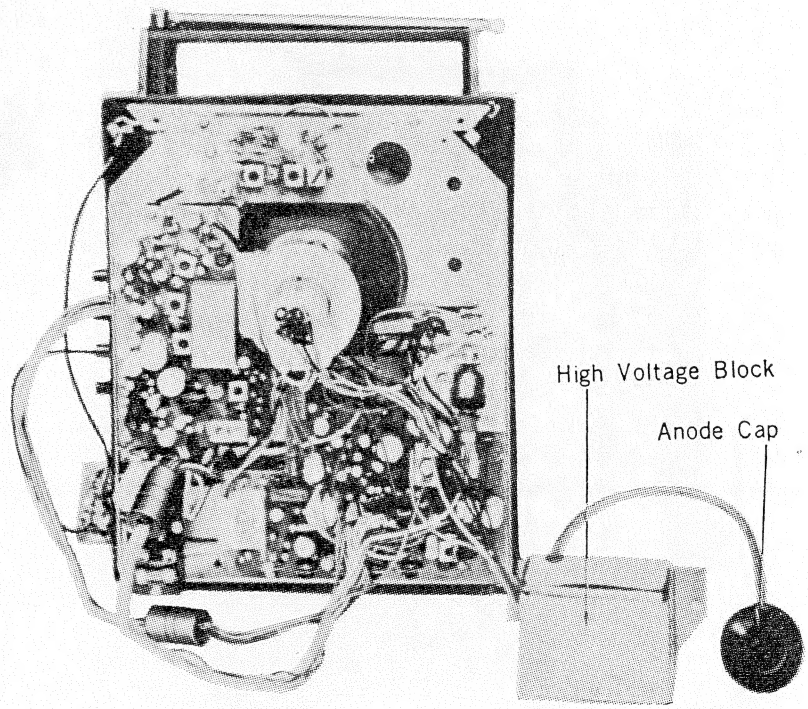
(Fig. 15)



(Fig. 16)

To Remove the High Voltage Block

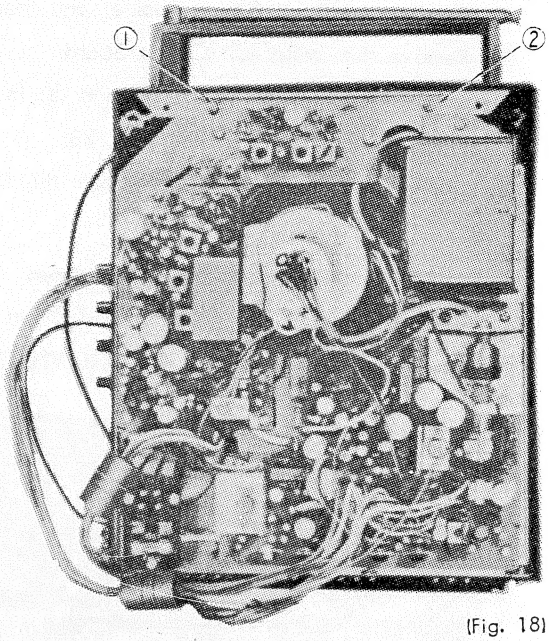
1) Remove the Screw. (⑧ in Fig. 15)
2) Remove the Anode Cap.
3) Remove the five leads coming from High Voltage Block.



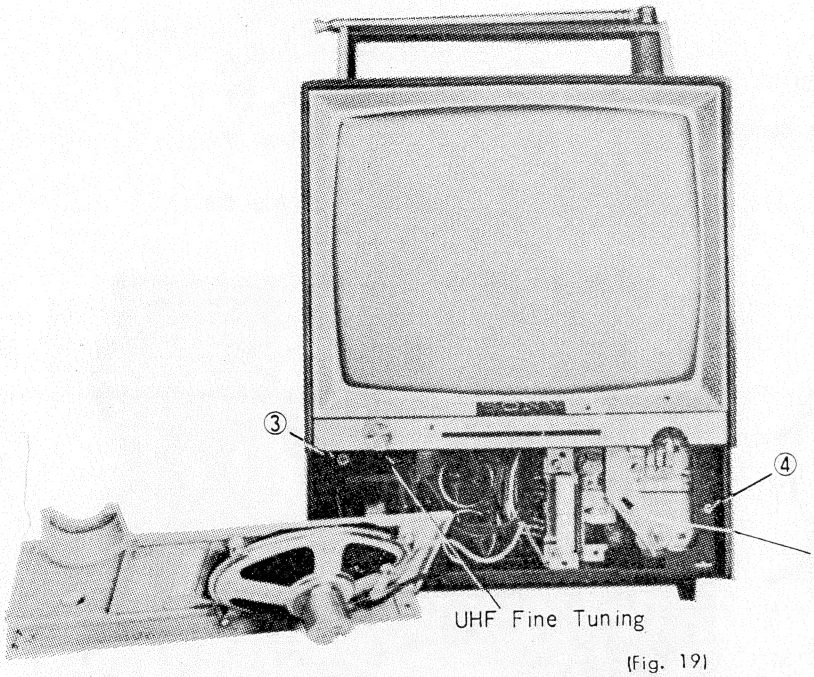
(Fig. 17)

To Remove the Chassis from the Front Cabinet

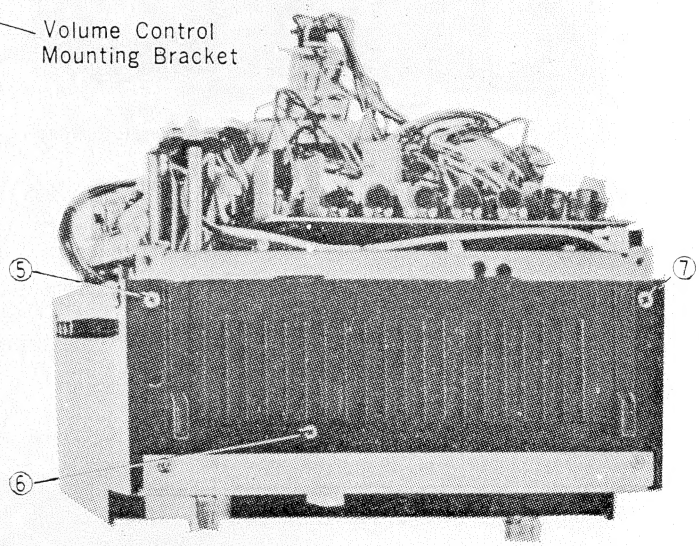
1) Remove the Front Control Panel.
2) Pull out the UHF Fine Tuning Knob. (Fig. 18)
3) Remove the Seven Screws. (①~⑦ in Fig. 18, 19 and 20)
4) Remove the High Voltage Anode Cap from the Picture Tube.



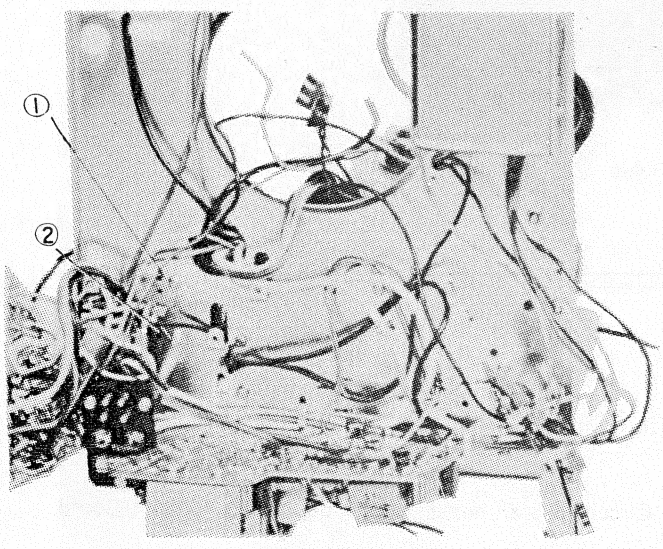
(Fig. 18)



(Fig. 19)



(Fig. 20)



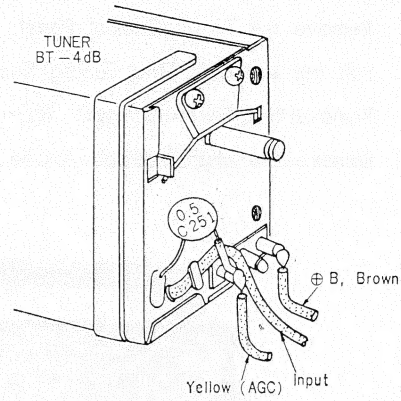
(Fig. 21)

To Remove the VHF Tuner Block

1) Remove the Back Cover Cabinet and Front Cabinet.
2) Remove the Signal Circuit Board.
3) Remove the three Screws. (①, ② in Fig. 21)
4) Remove the Volume Control Mounting Bracket from the VHF Tuner. (Fig. 18)
5) Unsolder the Tuner Output leads and Tuner Input Cable (1.7 C-2 Co-axial Cable).
6) Unsolder the Yellow lead (for AGC) and the Brown lead (for B+). (Fig. 22)

To Remove the UHF Tuner

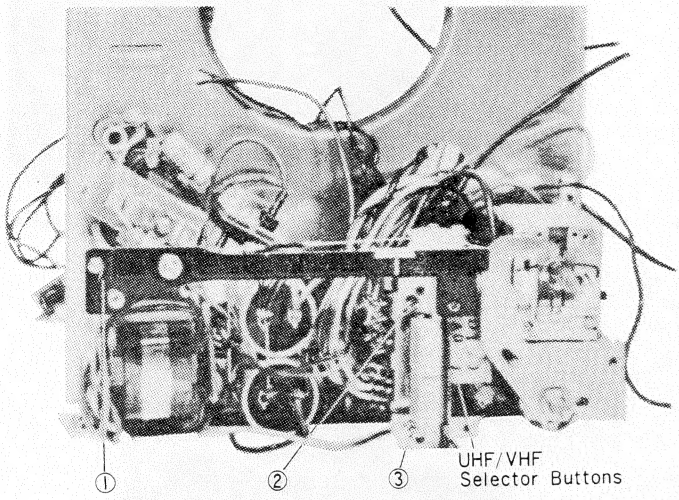
1) Remove the Back Cover Cabinet and Front Cabinet.
2) Remove the Deflection Circuit Board.
3) Remove the two Screws. (① and ② in Fig. 24)
4) Remove the Screw. (① in Fig. 23)
5) Unsolder all the leads coming from the UHF Tuner.



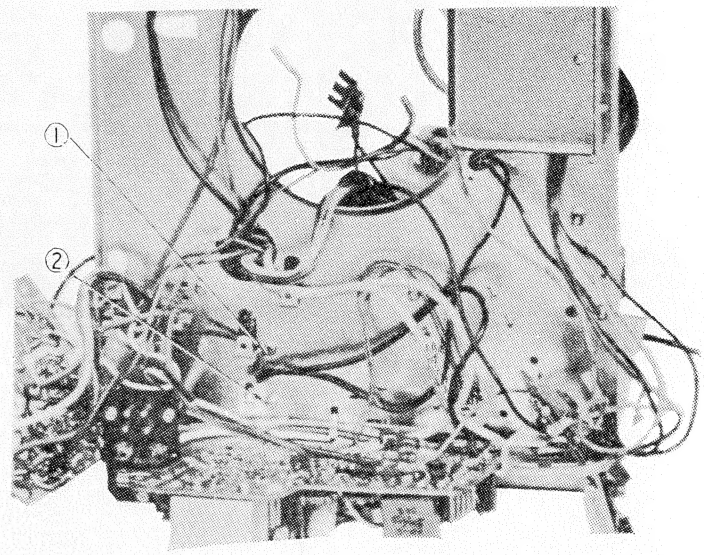
(Fig. 22)

To Remove the UHF/VHF Selector Buttons

1) Remove the two Screws. (② and ③ in Fig. 23)
2) Unsolder all the leads on the UHF/VHF Selector Buttons.



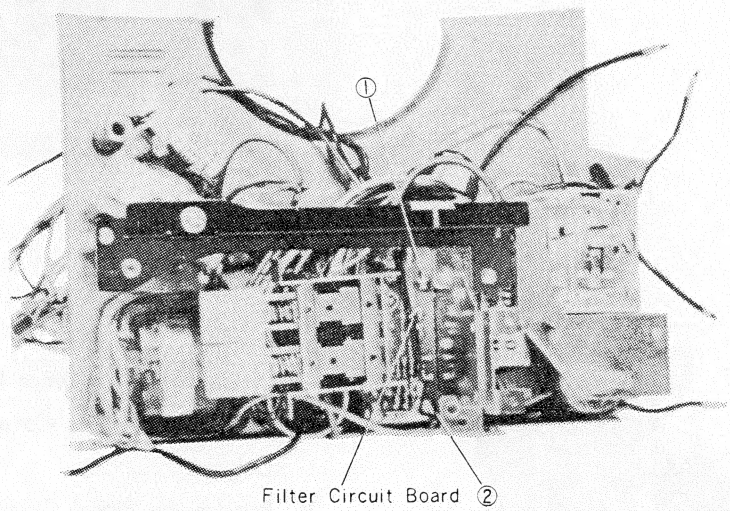
(Fig. 23)



(Fig. 24)

To Remove the Filter Circuit Board

1) Remove the two Screws. (①, ② in Fig. 25)
2) Unsolder all the leads on the Filter Circuit Board.



(Fig. 25)

Adjustment and Alignment

There are four Circuit Boards in the TV 9-306-UB, that is, Trap Circuit Board, VIF & FM SIF Circuit Board, AM SIF Circuit Board and Deflection Circuit Board.

When it is necessary to make adjustments for VIF & FM SIF Circuit Board, never fail to adjust Trap Circuit Board first.

Adjustment of Filter Circuit

1. Connect a Sweep Generator and a Marker Generator to the Test Point of Tuner through a 0.02μF condenser.
2. Set the TV to UHF.

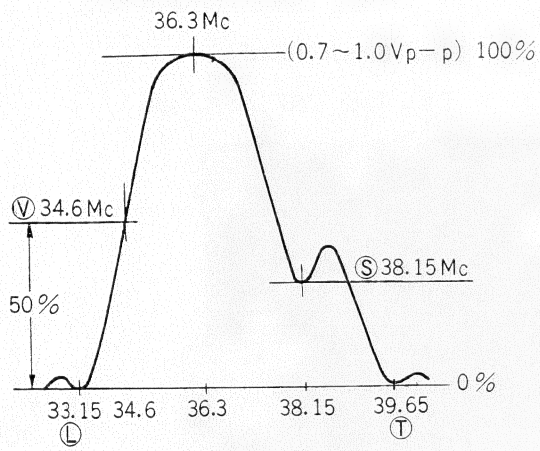
Step	Marker Gen. Freq.	Adjust	Correct Marker position on the response curve
1.	33.5 Mc	TRAP-5	Ⓢ in Fig. 27
2.	41.5 Mc	TRAP-6	Ⓛ in Fig. 27

Change the setting to VHF.

Step	Marker Gen. Freq.	Adjust	Correct Marker position on the response curve
3.	33.15 Mc	TRAP-4	Ⓛ in Fig. 26
4.	39.65 Mc	TRAP-3	Ⓣ in Fig. 26
5.	38.15 Mc	TRAP-2 & TRAP-3	Ⓢ in Fig. 26

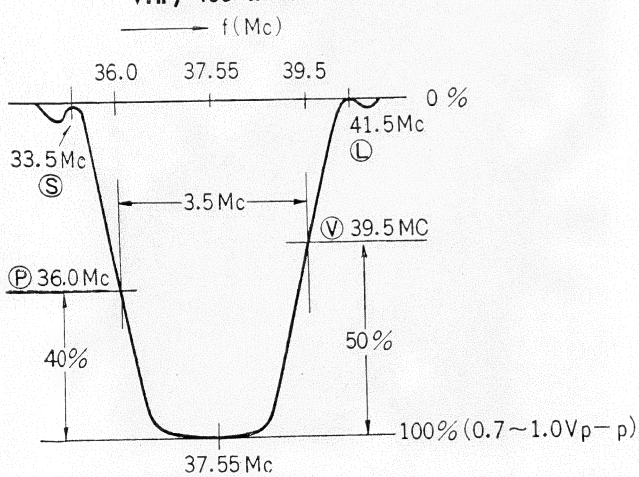
If the curve cannot be made to resemble the response curve shown in Fig. 27, repeat the steps 3 to 5 for a satisfactory curve making sure that the Generator freqencies are accurate and adjustments are carefully made.

VIF Standard Response Curve



VHF, 405 lines

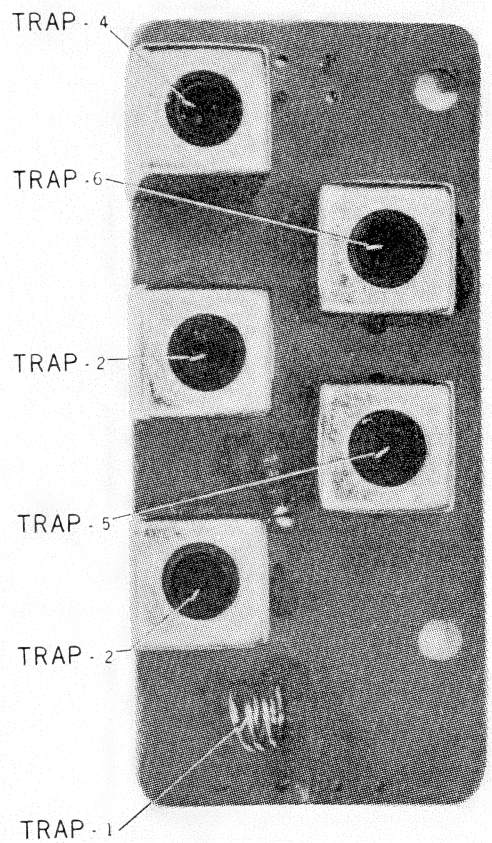
(Fig. 26)



UHF, 625 lines

(Fig. 27)

Filter Circuit Board



Adjustment of VIF Circuit

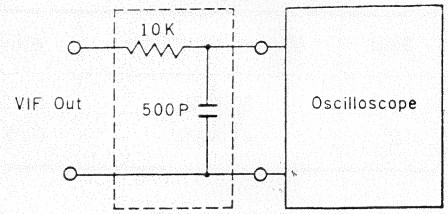
The VIF Adjustment must be performed after Trap Circuit Adjustment.

1. Remove the Tuner Output Cable from the Trap Circuit Board.
   Connect a Voltmeter across R_{307} (270Ω) and set the Adjustable Resistor (VR_{301}, 5KΩ, for AGC Bias) so that the Voltmeter reads between 0.27 V and 0.3 V. Connect the Tuner Output Cable to the Trap Circuit Board as before.

2. Connect a Sweep Generator and a Marker Generator to the Test Point of the Tuner through a 0.02μF condenser.
3. Connect an Oscilloscope across R_{321} (VIF DET OUT) through a Noise Filter shown below.
4. Set the TV to UHF.

Step	Marker Gen. Freq.	Adjust	Correct Marker position on the response curve
1.	38 Mc	VIFT-4	Peak point in Fig. 28
2.	36 Mc	VIFT-2	40% point, Ⓟ in Fig. 28
3.	39.5 Mc	VIFT-3	50% point, Ⓥ in Fig. 28

Noise Filter



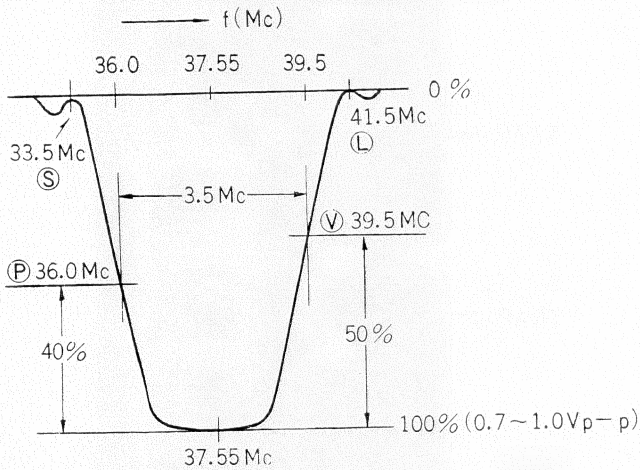
Repeat the above adjustments until the ideal response curve (peak point : 0.7—1 Vpp) shown in Fig. 28 is obtained. If the curve cannot be obtained, try to change the value of adjustment resistors, R_{308} (33 KΩ) and R_{319} (27 KΩ), on the Signal Circuit Board.

After the adjustment for UHF, change the setting of the TV from UHF to VHF. Usually the same response curve shown in Fig. 26, will be obtained without further adjustment.

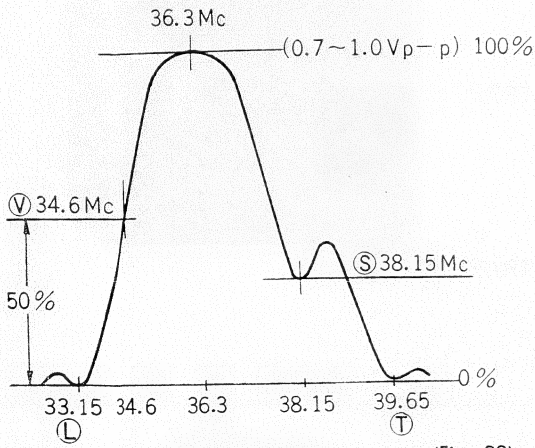
Deliver a 34.6 Mc signal from the Marker Generator and check that the marker is at 50± 10%. (Ⓥ in Fig. 29) If the marker is out of the range, try to change the value of C_{321} (6～10 $\mu\mu$f) until a satisfactory curve is obtained. Make sure that the output level does not vary. (0.05 V across R_{307})

After the VHF Adjustment, readjust the UHF VIF Response Curve.

VIF Standard Response Curve

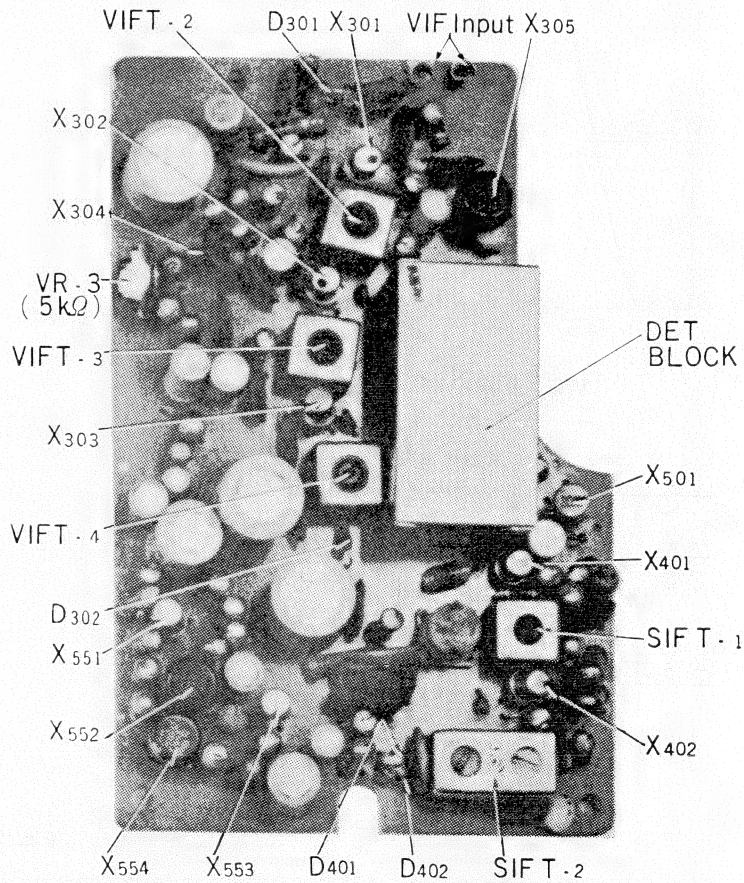


UHF, 625 lines (Fig. 28)



VHF 405 lines (Fig. 29)

Signal Circuit Board



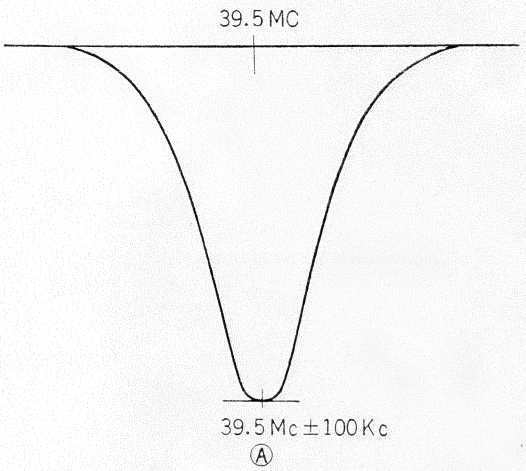
Adjustment of AM·SIF Circuit

1. Disconnect the Tuner Output Cable and AM SIF Output Cable.
2. Connect a Sweep Generator and a Marker Generator to tne AM SIF Input Connector.
3. Connect an Oscilloscope in parallel with a 5 KΩ resistor across C_{367}.
4. Deliver a 39.5 Mc signal from the Marker Generator.

Step	Adjust
1.	**TRAP-1** to position the marker on the top Ⓐ of the curve shown in Fig. 30.
2.	**SIFT-1 and SIFT-2** for maximum curve while keeping the marker position to Ⓐ.

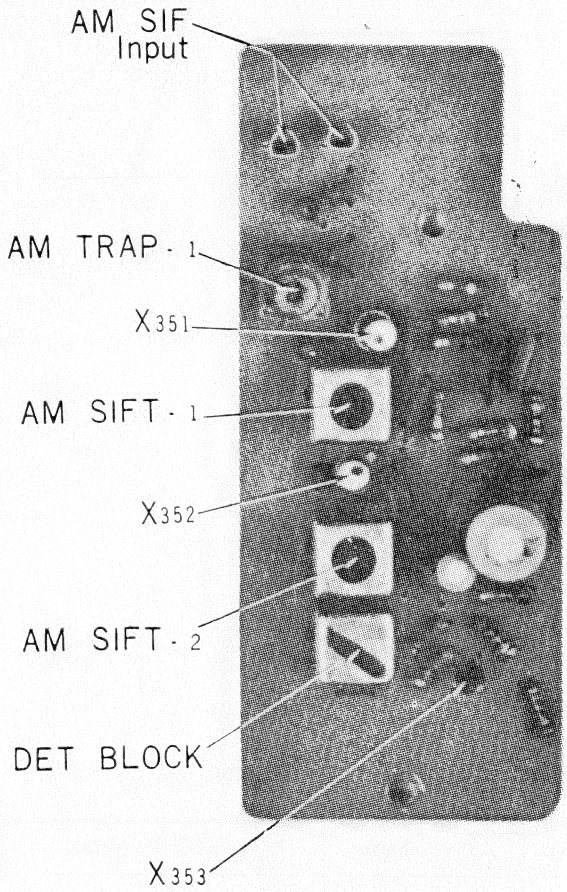
Repeat the above steps 1 and 2 until a satisfactory AM SIF curve is obtained.

AM·SIF Standard Response Curve



(Fig. 30)

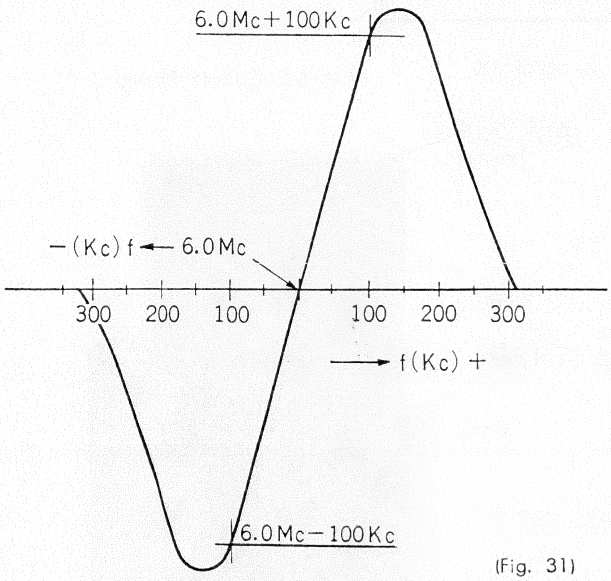
AM·S F Circuit Board



Adjustment of FM·SIF Circuit

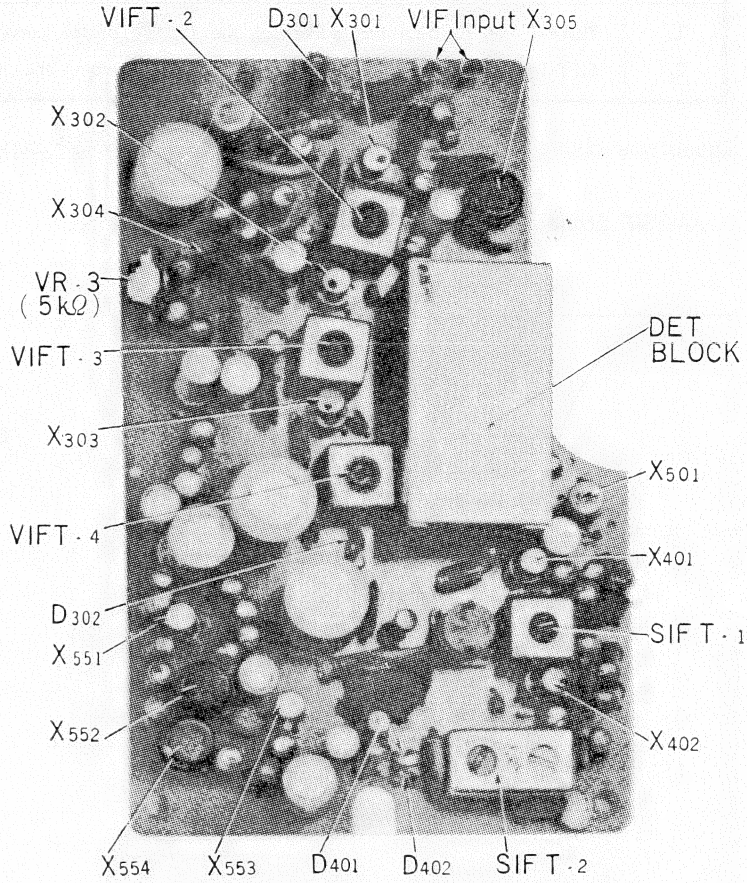
Step	Preparation	Adjust
1.	(1) Set the Brightness Control to the proper position and the Contrast Control to maximum. (2) Disconnect the Tuner Output Cable. (3) Set the TV to UHF. (4) Connect a Standard Signal Generator to the Video DET Output (across R_{321}) and deliver a 6 Mc signal. The 6 Mc stripes will appear on the Picture Tube.	**TRAP-7** so that the 6 Mc stripes disappear from the Picture Tube.
2.	(1) Disconnect the Tuner Output leads. (2) Connect the Standard Signal Generator to the Video Detector Output Terminals. (3) Connect a Voltmeter between the junction of R_{409}~C_{411} and ground. (4) Deliver a 6 Mc signal from the Signal Generator.	**SIFT-1 and Primary winding of SIFT-2 (pink)** for maximum reading on the Voltmeter.
3.	(1) Connect a Sweep Generator and a Standard Signal Generator across R_{321} through a 1.5 KΩ Resistor. (2) Connect a 5 KΩ Resistor and an Oscilloscope across C_{412} in parallel. (3) Deliver a 6 Mc (AM, MOD) Signal from the Signal Generator. (4) Set the Sweep Generator on. S curve will appear on the Oscilloscope (Fig. 31)	**Secondary winding of SIFT-2** (blue) to obtain minimum modulated waveform.

FM•SIF Standard Response Curve



(Fig. 31)

Signal Circuit Board



Adjustment of DEFLECTION Circuit

Step	Adjustment for	Preliminary Instruction	Equipment	Connection	Adjust	
1.	Collector Current of X_{502} (VD OUT)	1) Set to free channel. 2) Check 12 V and 80 V Power Supply.	Voltmeter	Across R_{506}	R_{510} (12 KΩ) (15 KΩ)	for 80±1 V reading.
2.	Collector Current of X_{703} (Vert. Out)	1) Lock in Sync. 2) Check 12 V Power Supply. 3) Set the Selector Switch to VHF.	Voltmeter	Across R_{712}	VR_{702} (Vert. Bias)	for 0.28 V reading.
3.	Vert. Height and Linearity	1) Receive a Test Pattern for VHF. 2) Check 12 V Power Supply. 3) Set the Selector Switch to VHF.			VR_{701} & VR_{702} (V. Height) (V. Lin.)	for optimum Vertical Height and Linearity on the pattern.
4.	Pulse Width	1) Lock in Sync. 2) Short out the Horizontal Stabilizer Coil. 3) Set the TV to UHF.	Oscilloscope	Emitter of X_{801}	C_{806} (0.022∼ 0.068μF)	for Pulse width of 12.5∼ 13.5μs.
5.	H. S. C.	1) Lock in Sync. 2) Receive a test Pattern (UHF). 3) Set the TV to UHF.			H. S. C.	Open the HSC terminals. (normal) Turn the slug of the HSC for most stable Picture in either case where HSC is shorted or normal.

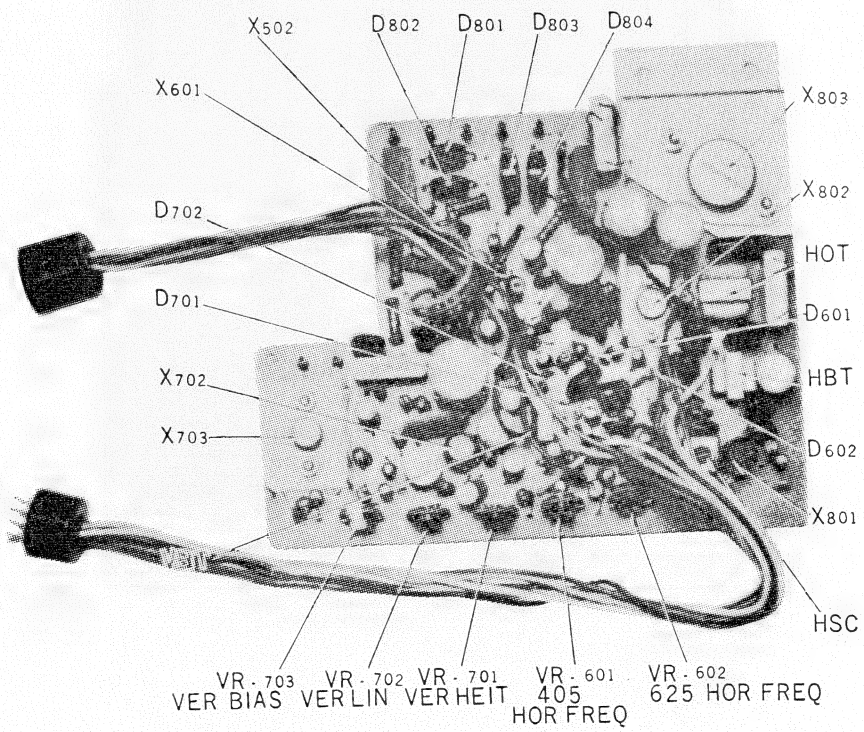
As the above adjustment steps, 4 and 5, have influence on each other, they must be performed by turns repeatedly for optimum results.

Deflection Circuit Board

Step	Adjustment for	Preliminary Instruction	Equipment	Connection	Adjust	
6.	Collector Current for X_{802} (H. DRIVE)	Lock in Sync.	Ammeter	Collector of X_{802}	R_{805} (1~20 ohm)	for 85±5 mA reading
7.	Horizontal Frequency (VHF)	1) Set the Contrast & the Brightness Control Knobs to the optimum positions. 2) Set the TV to VHF. 3) Receive a test pattern (VHF).			VR-601	Adjust VR_{601} so that the number of diagonal bars are almost same for both extreme clockwise and counter-clockwise settings of VR-4.
8.	Horizontal Frequency (UHF)	1) Set the Contrast & the Brightness Control Knobs to the optimum positions. 2) Set the TV to UHF. 3) Receive a test pattern. (UHF).			VR-602	Adjust VR_{602} so that the number of diagonal bars are almost same for both extreme clockwise and counter-clockwise settings of VR-4.
	Focus	1) Lock in Sync. 2) Set the Contrast & the Brightness Control Knobs to the optimum positions.				Connect by soldering a white lead from the Picture Tube Socket to either terminal of the two on the 1~6 P Terminal Strip (to which a black and a red leads are soldered respectively), whichever gives best focus.

British TV Standards

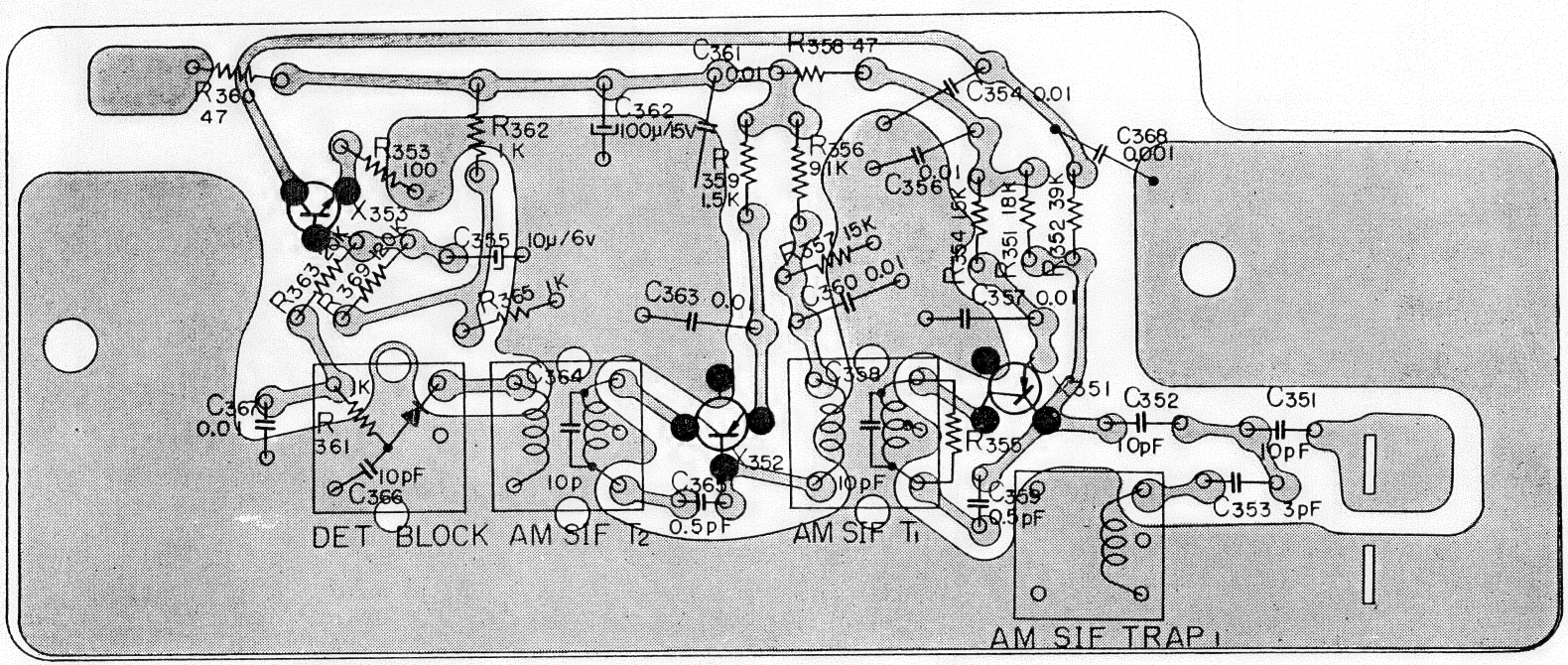
	VHF	UHF
Line Frequency (Horizontal)	10.125 Kc	15.625 Kc
Field Frequency (Vertical)	50 c/s	50 c/s
Number of Lines per Picture	405	625



Mounting Diagram

—Printed Side—

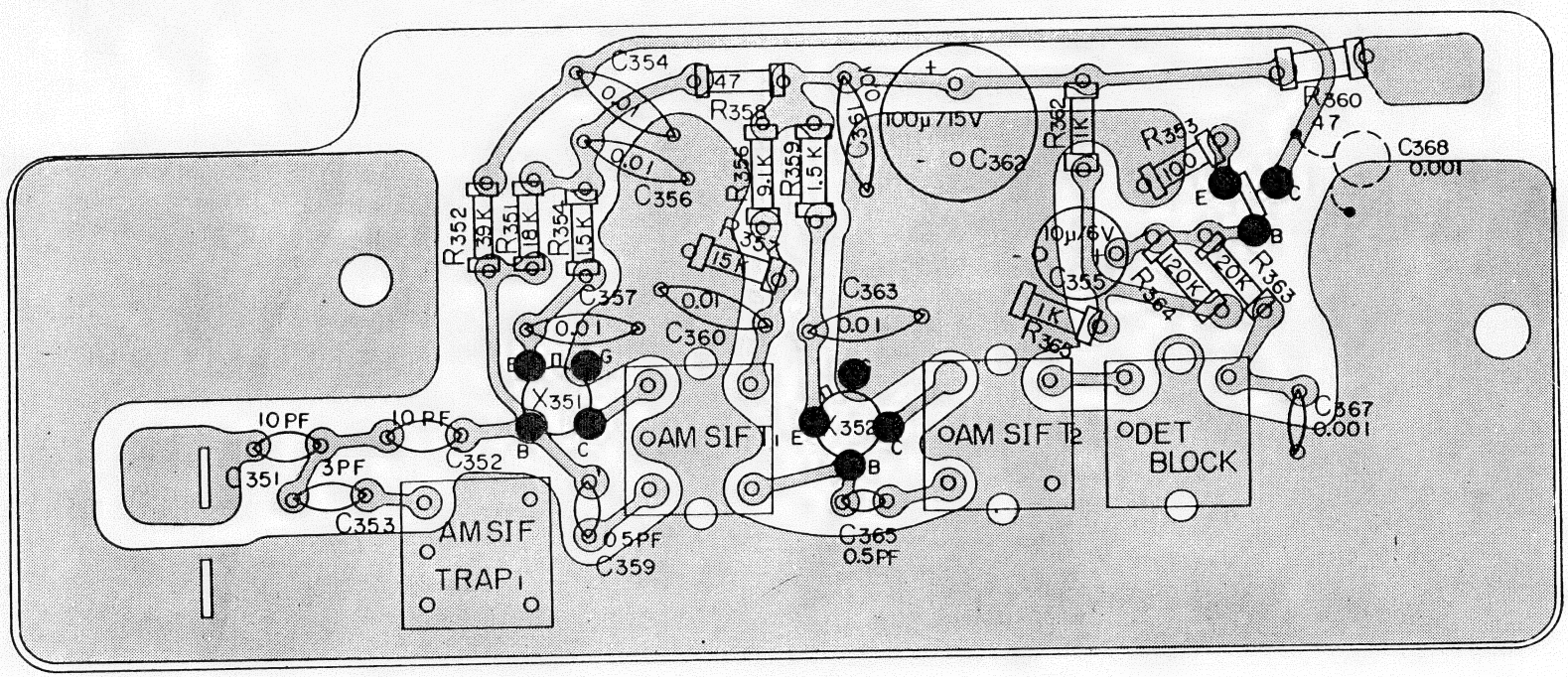
AF•SIF Circuit Board



Mounting Diagram

—Parts Side—

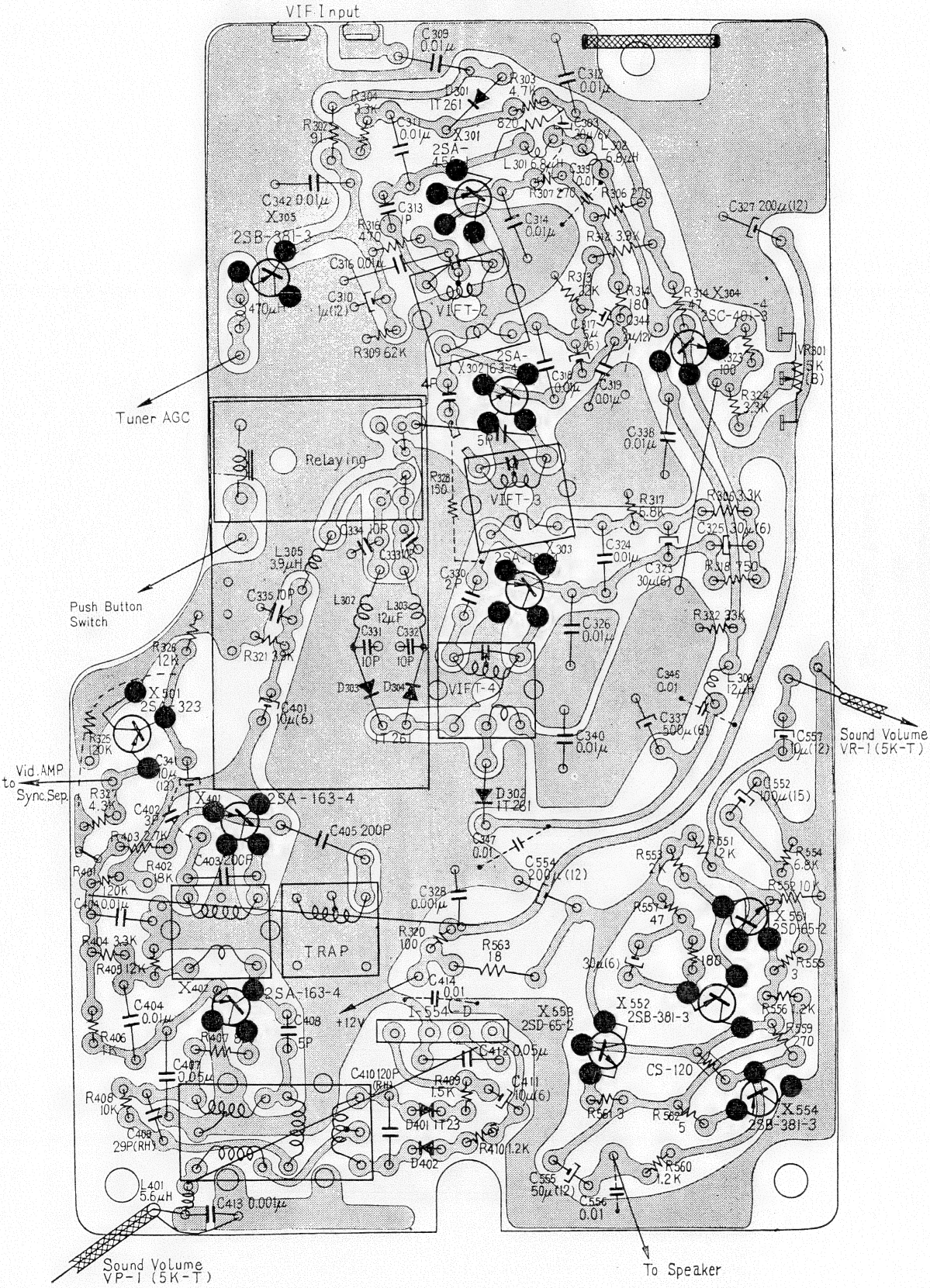
AF•SIF Circuit Board



Mounting Diagram

—Printed Side—

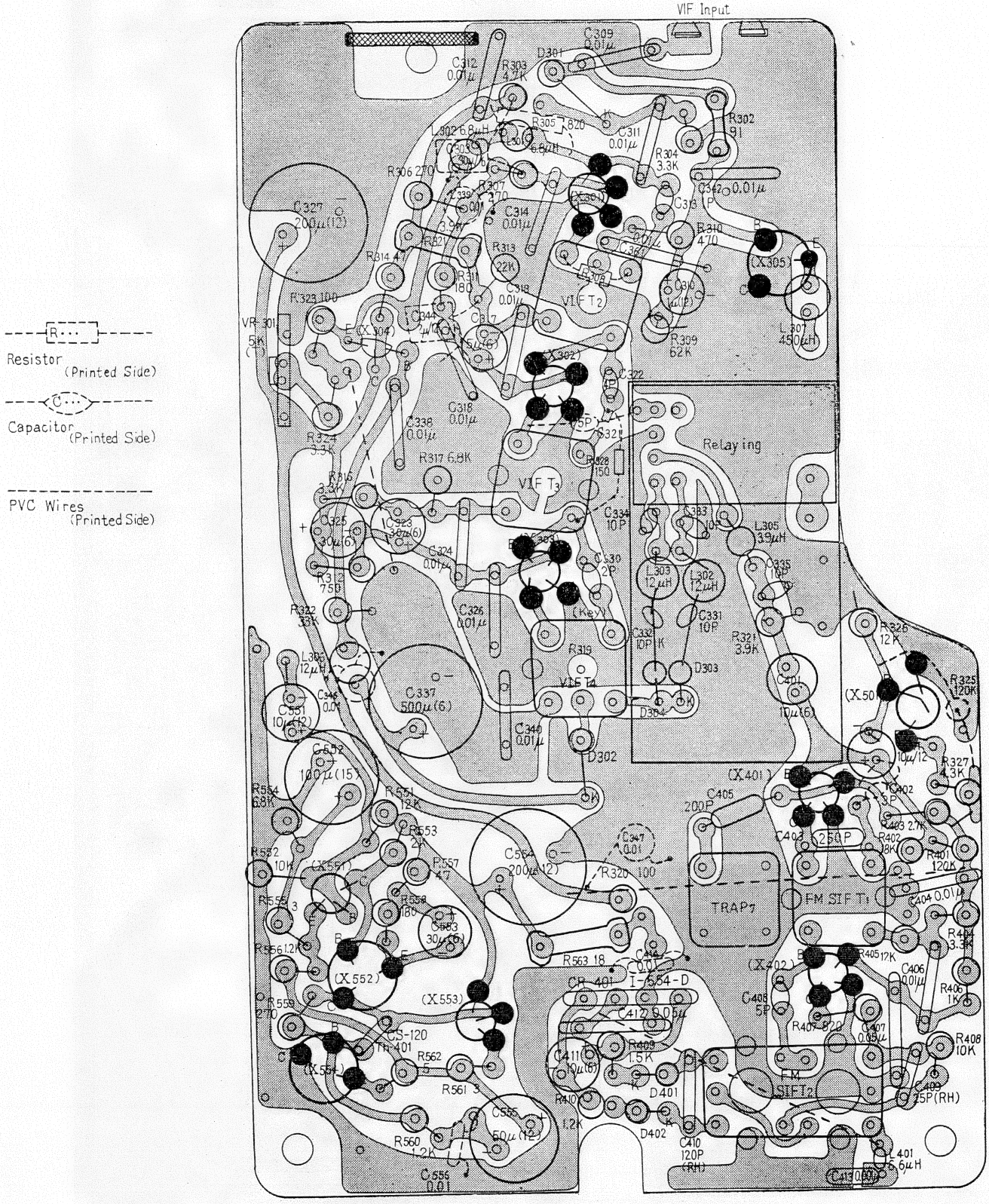
Signal Circuit Board



Mounting Diagram

—Parts Side—

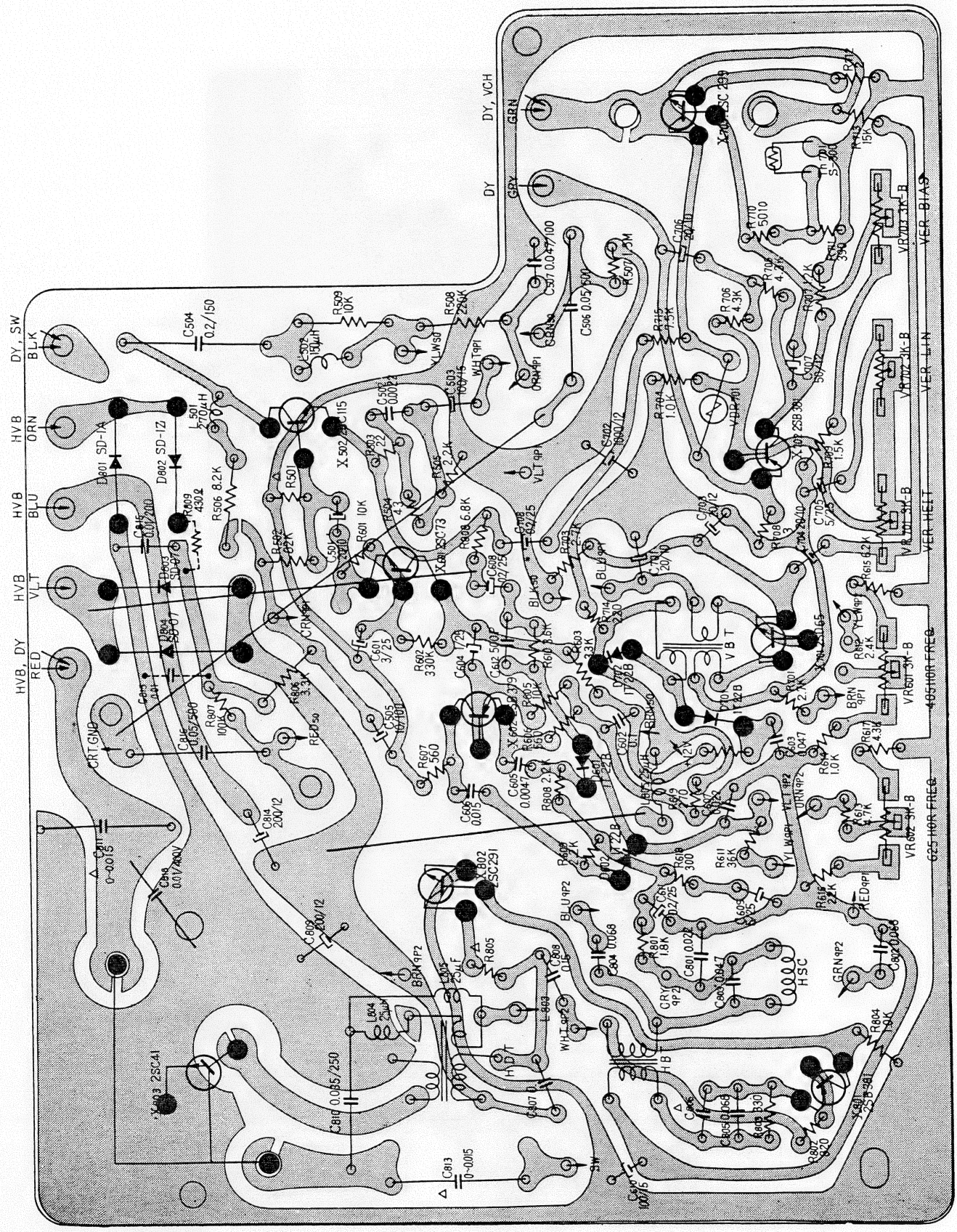
Signal Circuit Board



Mounting Diagram

—Printed Side—

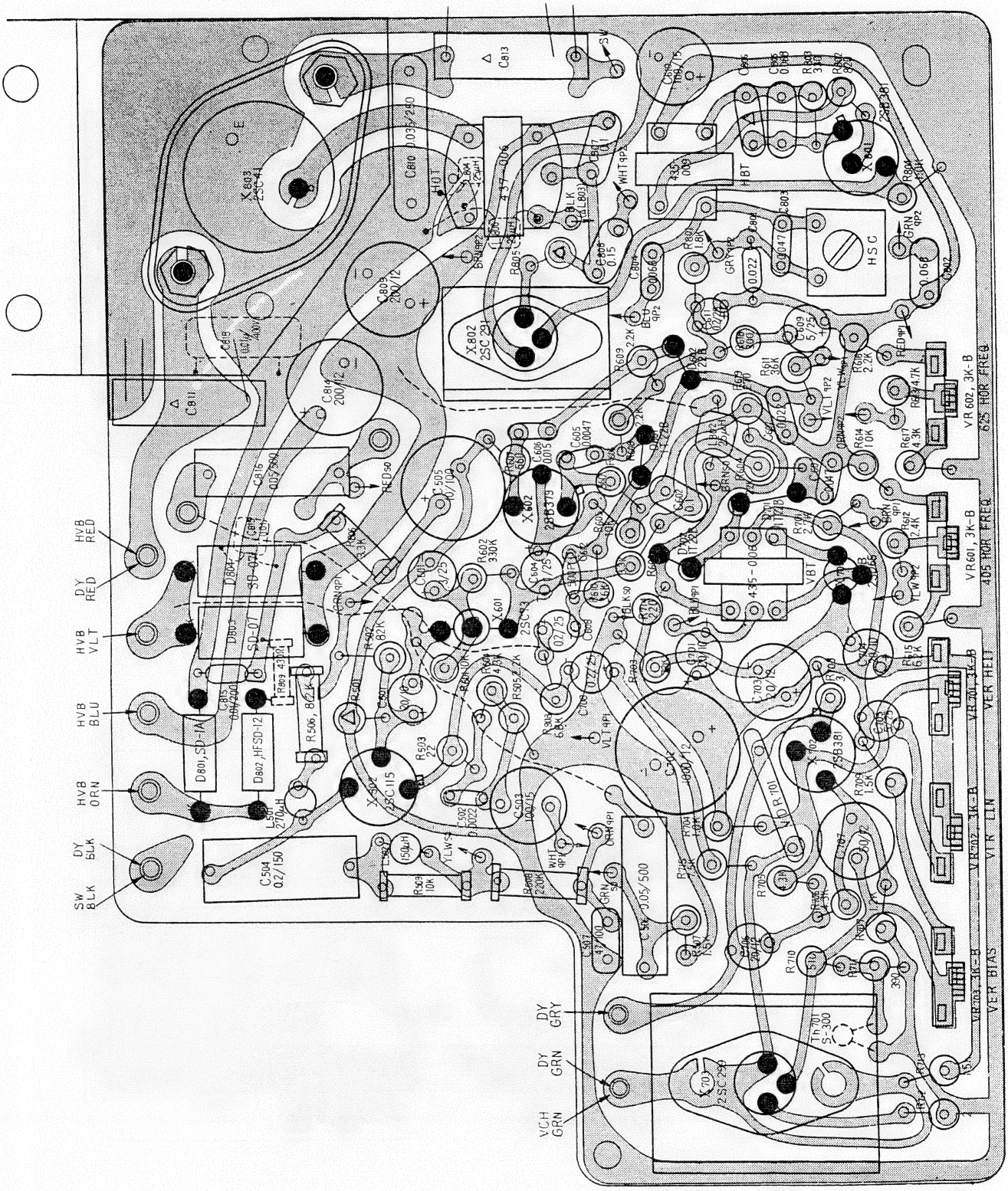
Deflection Circuit Board



Mounting Diagram

—Parts Side—

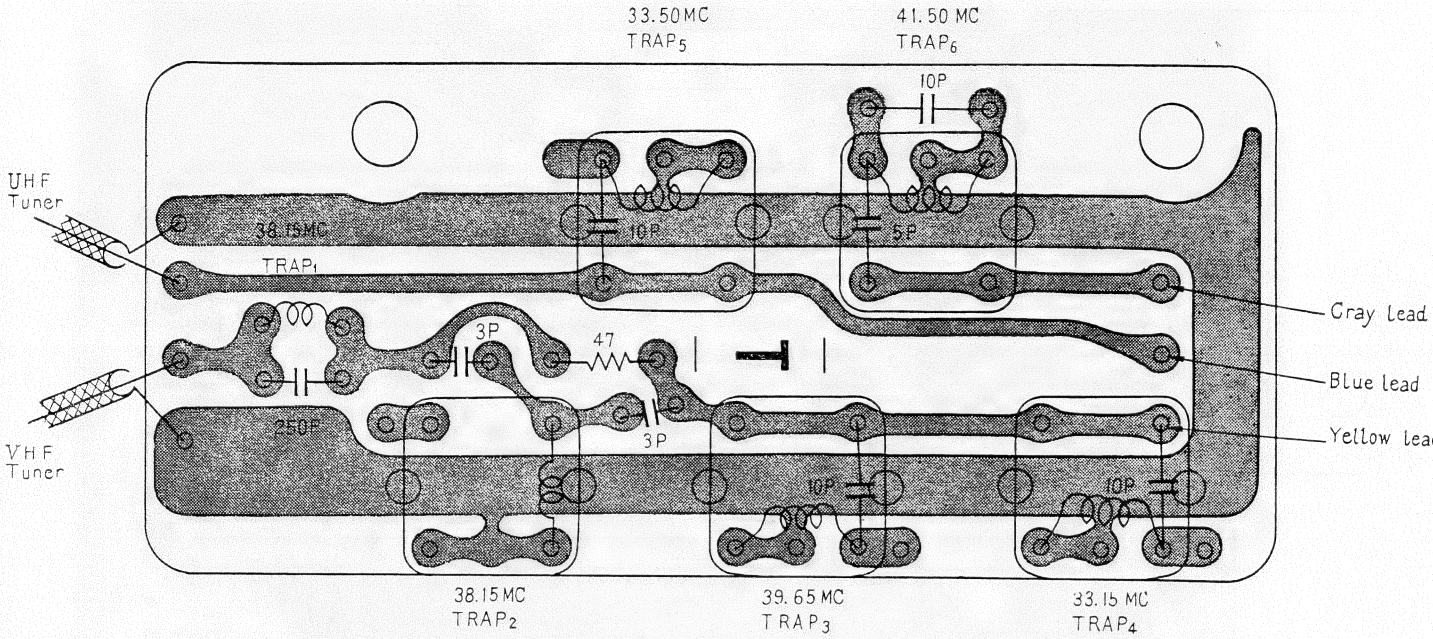
Deflection Circuit Board



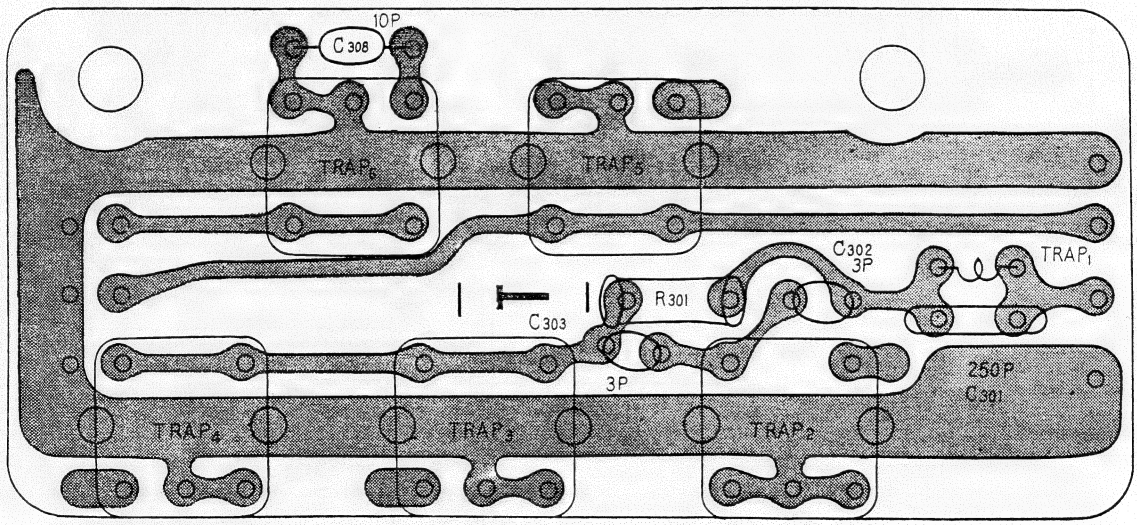
Mounting Diagram

Filter Circuit Board

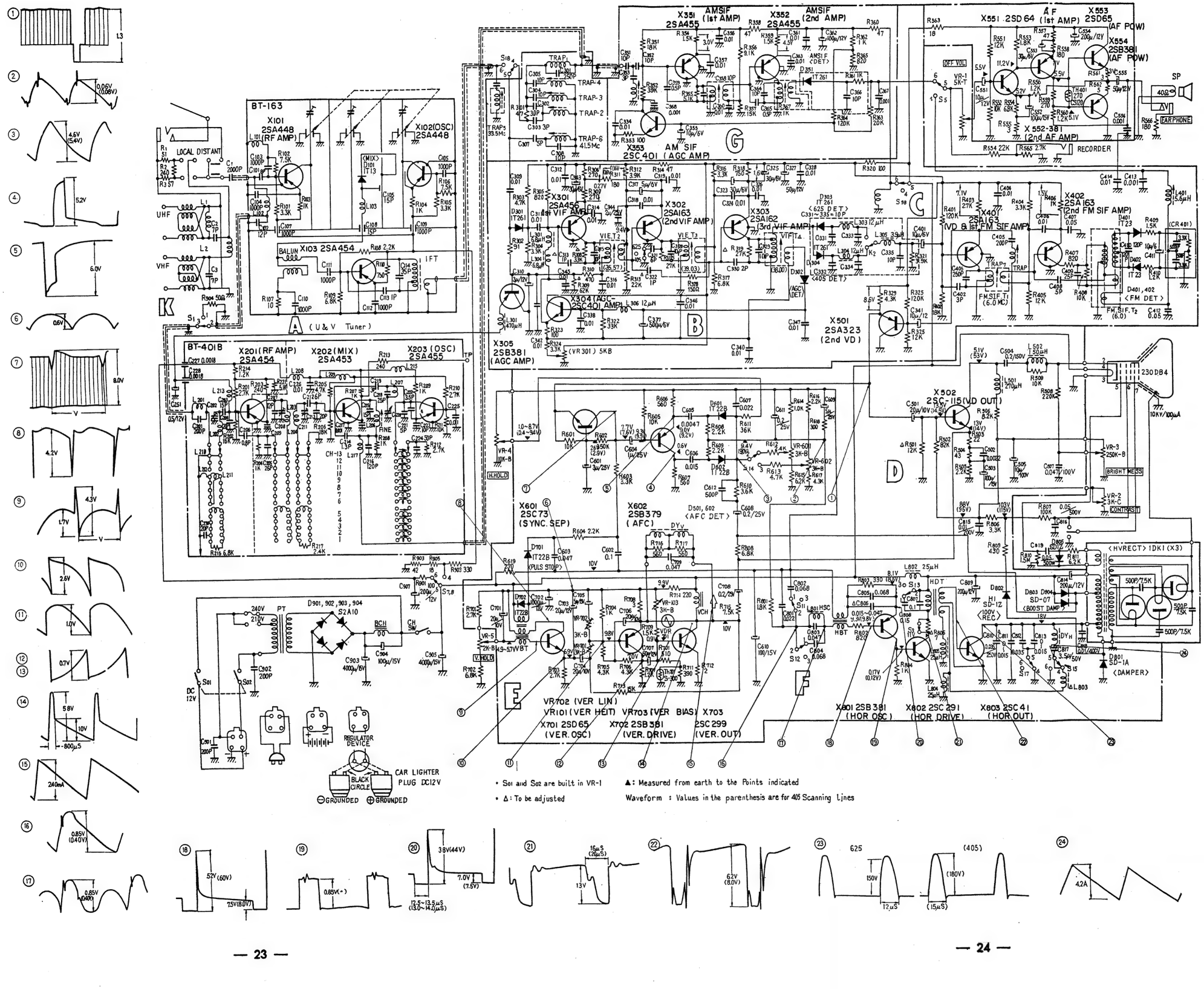
—Printed Side—



—Parts Side—



Schematic Diagram



- S01 and S02 are built in VR-1
- Δ: To be adjusted
- ▲: Measured from earth to the Points indicated
- Waveform : Values in the parenthesis are for 405 Scanning Lines

Electrical Parts List

Part No.	Symbol No.	Description
		Transistor
	X_{101}	2SA448 (RF AMP)
	X_{102}	2SA448 (OSC)
	X_{103}	2SA454 (IF AMP)
	X_{201}	2SA454 (RF AMP)
	X_{202}	2SA453 (MIX)
	X_{203}	2SA455 (OSC)
	X_{301}	2SA456 (1st VIF AMP)
	X_{302}	2SA163 (2nd VIF AMP)
	X_{303}	2SA162 (3rd VIF AMP)
	X_{304}	2SC401 (AGC AMP)
	X_{305}	2SB381 (AGC AMP)
	X_{351}	2SA455 (1st AMP)
	X_{352}	2SA455 (2nd AMP)
	X_{353}	2SC401 (AGC AMP)
	X_{401}	2SA163 (VD & 1st FM SIF AMP)
	X_{402}	2SA163 (2nd FM SIF AMP)
	X_{501}	2SA 323 (2nd VD)
	X_{502}	2SC115 (VD OUT)
	X_{551}	2SD64 (1st AF AMP)
	X_{552}	2SB381 (2nd AF AMP)
	X_{553}	2SD65 (AF POW)
	X_{554}	2SB381 (AF POW)
	X_{601}	2SC73 (SYNC SEP)
	X_{602}	2SB379 (AFC)
	X_{701}	2SD65 (VER OSC)
	X_{702}	2SB381 (VER DRIVE)
	X_{703}	2SC299 (VER OVT)
	X_{801}	2SB381 (HOR OSC)
	X_{802}	2SC291 (HOR DRIVE)
	X_{803}	2SC41 (HOR OUT)
		Diode
	D_{101}	1T13
	D_{301}	1T261
	D_{302}	1T261
	D_{303}	1T261
	D_{304}	1T261
	D_{401}	1T23
	D_{402}	1T23
	D_{351}	1T26
	D_{601}	1T22B
	D_{602}	1T22B
	D_{701}	1T22B
	D_{702}	1T22B
	D_{801}	SD-1A
	D_{802}	HFSD-1Z
	D_{803}	SD-07
	D_{804}	SD-07
	D_{805}	SD-1A
	D_{901}	1S921
	D_{902}	1S921
	D_{903}	1S921
	D_{904}	1S921
		Varistor
1-800-021-11	VS	301-D18×½
		Thermistor
8-691-001-00	Th_{501}	CS-120
8-960-005-00	Th_{701}	S-300
		Coil and Transformer
1-407-075-11	L_{301}	Micro Inductor 6.8μH
-075-11	L_{302}	〃 6.8μH
-038-11	L_{303}	〃 12μH
1-407-038-11	L_{304}	Micro Inductor 12μH
-074-11	L_{305}	〃 3.9μH
-038-11	L_{306}	〃 12μH
-052-11	L_{307}	〃 470μH
-035-11	L_{401}	〃 5.6μH
-049-11	L_{501}	〃 270μH
-030-11	L_{502}	〃 150μH
1-413-005-11	L_{801}	Horizontal Peaking Coil
1-421-013-11	L_{802}	RF Filter Choke Coil
1-459-002-11	L_{803}	Width Coil
1-421-013-11	L_{804}	RF Filter Choke Coil
-013-11	L_{805}	〃
1-409-070-11	Trap 1	Trap Coil
-072-11	Trap 2	〃
-073-11	Trap 3	〃
-074-11	Trap 4	〃
-075-11	Trap 5	〃
-076-11	Trap 6	〃
-036-11	Trap 7	Sound Trap
-071-11	AM Trap	AM Sound Trap
1-403-463-11	$VIFT_2$	Video IF Transformer
-464-12	$VIFT_3$	〃
-465-12	$VIFT_4$	〃
-314-11	SIF_1	Sound IF Transformer
-321-11	SIF_2	〃
-324-11	AM $SIFT_1$	AM SIF Transformer
-325-11	AM $SIFT_2$	〃
-326-11	DET	Sound Detector Block
1-435-008-11 -003-12	VBT	Vertical Blocking Transformer
-009-11	HBT	Horizontal Blocking Transformer
1-437-006-11	HDT	Horizontal Driver Transformer
1-427-162-11	HOT	Horizontal Output Transformer
1-441-206-11	PT	Power Transformer
1-421-014-11	BCH	Filter Choke Coil for Power Supply
-038-11	VCH	Vertical Output Choke Coil
		Potentiometer
1-221-388-12	VR_1	Sound Volume Control 5KΩ-T
-404-12	VR_2	Contrast Control 3KΩ-C
-429-11	VR_3	Brightness Control 250KΩ-B
-297-12	VR_4	Horizontal Hold Control 10KΩ-B
-403-11	VR_5	Vertical Hold Control 2KΩ-B
-349-11	VR_{301}	Variable Carbon Resitor
-355-11	VR_{601}	Vertical Frequency Control 3KΩ-B
-355-11	VR_{602}	〃 3KΩ-B
-355-11	VR_{701}	Vertical Height Control 3KΩ-B
-355-11	VR_{702}	Vertical Linearity Control 3KΩ-B
-355-11	VR_{703}	Vertical Bias Control 3KΩ-B
		Resistor
1-203-414-00	R_{301}	47Ω ⅜W Carbon
-470-00	R_{302}	91Ω 1/16W 〃
-376-00	R_{303}	4.7KΩ ⅜W 〃
-373-00	R_{304}	3.3KΩ 〃 〃
1-201-017-00	R_{305}	820Ω ¼W Composition
1-203-359-00	R_{306}	270Ω ⅜W Carbon
-359-00	R_{307}	270Ω 〃 〃
-884-00	$*R_{308}$	33KΩ 1/16W 〃
1-204-008-00	$*R_{309}$	62KΩ 〃 〃
1-203-361-00	R_{310}	470Ω ⅜W 〃
-831-00	R_{311}	180Ω 〃 〃

* To be adjusted

Part No.	Symbol No.	Description
1-203-374-00	R_{312}	3.9KΩ ⅜W Carbon
-387-00	R_{313}	22K 〃 〃
-414-00	R_{314}	47Ω 〃 〃
1-209-045-11	$*R_{315}$	39KΩ 1/16W 〃
1-204-373-00	R_{316}	3.3KΩ ⅜W 〃
-381-00	R_{317}	6.8KΩ 〃 〃
-335-00	R_{318}	750Ω 〃 〃
1-203-889-00	$*R_{319}$	27KΩ 1/16W 〃
-357-00	R_{320}	100Ω ⅜W 〃
-374-00	R_{321}	3.9KΩ 〃 〃
-884-00	R_{322}	33KΩ 1/16W 〃
-357-00	R_{323}	100Ω ⅜W 〃
-373-00	R_{324}	3.3KΩ 〃 〃
1-204-400-00	R_{325}	120KΩ 〃 〃
1-203-384-00	R_{326}	12KΩ 〃 〃
-306-00	R_{327}	4.3KΩ 〃 〃
-630-00	R_{351}	18KΩ 1/16W 〃
-635-00	R_{352}	39KΩ 〃 〃
-978-00	R_{353}	100Ω 〃 〃
-183-00	R_{354}	15KΩ 〃 〃
-188-00	$*R_{355}$	7.5KΩ 〃 〃
-626-00	R_{356}	9.1KΩ 〃 〃
-192-00	R_{357}	1.5KΩ 〃 〃
-478-00	R_{358}	47Ω 〃 〃
-183-00	R_{359}	15KΩ 〃 〃
-478-00	R_{360}	47Ω 〃 〃
-182-00	R_{362}	1KΩ 〃 〃
-699-00	R_{363}	20KΩ 〃 〃
1-204-007-00	R_{364}	120KΩ 〃 〃
-153-00	$*R_{365}$	910Ω 〃 〃
-400-00	R_{401}	120KΩ ⅜W 〃
1-203-386-00	R_{402}	18KΩ 〃 〃
-372-00	R_{403}	2.7KΩ 〃 〃
-373-00	R_{404}	3.3KΩ 〃 〃
-384-00	R_{405}	12KΩ 〃 〃
-367-00	R_{406}	1KΩ 〃 〃
-366-00	R_{407}	820Ω 〃 〃
-383-00	R_{408}	10KΩ 〃 〃
-405-00	R_{409}	1.5KΩ 〃 〃
-368-00	R_{410}	1.2KΩ 〃 〃
-384-00	$*R_{501}$	12KΩ 〃 〃
-397-00	R_{502}	82KΩ 〃 〃
-352-00	R_{503}	22KΩ 〃 〃
-820-00	R_{504}	43KΩ 〃 〃
-370-00	R_{505}	2.2KΩ 〃 〃
-068-00	R_{506}	8.2KΩ ¼W 〃
1-201-455-00	R_{507}	1.5MΩ ½W 〃
1-203-109-00	R_{508}	220KΩ ¼W 〃
-069-00	R_{509}	10KΩ 〃 〃
-384-00	R_{521}	12KΩ ⅜W 〃
-383-00	R_{552}	10KΩ 〃 〃
-369-00	R_{553}	1.8KΩ 〃 〃
-381-00	R_{554}	6.8KΩ 〃 〃
-704-00	R_{555}	3Ω 〃 〃
-368-00	R_{556}	1.2KΩ 〃 〃
-414-00	R_{557}	47Ω 〃 〃
-831-00	R_{558}	180Ω 〃 〃
-359-00	R_{559}	270Ω 〃 〃
-368-00	R_{560}	1.2KΩ 〃 〃
-704-00	R_{561}	3Ω 〃 〃
-717-00	R_{562}	5Ω 〃 〃
1-204-218-00	R_{563}	18Ω ¼W 〃
1-203-383-00	R_{601}	10KΩ ⅜W 〃
1-203-411-00	R_{602}	330KΩ ⅜W Carbon
-373-00	R_{603}	3.3KΩ 〃 〃
-370-00	R_{604}	2.2KΩ 〃 〃
-383-00	R_{605}	10KΩ 〃 〃
-363-00	R_{606}	560Ω 〃 〃
-363-00	R_{607}	560Ω 〃 〃
-370-00	R_{608}	2.2KΩ 〃 〃
-370-00	R_{609}	2.2KΩ 〃 〃
-711-00	R_{610}	3.6KΩ 〃 〃
-710-00	R_{611}	36KΩ 〃 〃
-778-00	R_{612}	2.4KΩ 〃 〃
-376-00	R_{613}	4.7KΩ 〃 〃
-367-00	R_{614}	1KΩ 〃 〃
-380-00	R_{615}	6.2KΩ 〃 〃
-370-00	R_{616}	2.2KΩ 〃 〃
-306-00	R_{617}	43KΩ 〃 〃
1-204-043-00	R_{618}	300Ω 〃 〃
1-203-359-00	R_{619}	270Ω 〃 〃
-372-00	R_{701}	2.7KΩ 〃 〃
-378-00	R_{702}	6.8KΩ ¼W 〃
-372-00	R_{703}	2.7KΩ ⅜W 〃
-367-00	R_{704}	1KΩ 〃 〃
-306-00	R_{705}	43KΩ 〃 〃
-306-00	R_{706}	43KΩ 〃 〃
-368-00	R_{707}	1.2KΩ 〃 〃
1-207-018-00	R_{708}	3Ω ¼W Wire Wound
1-203-405-00	R_{709}	1.5KΩ ⅜W Carbon
-316-00	R_{710}	510Ω 〃 〃
-412-00	R_{711}	390Ω 〃 〃
1-207-014-00	R_{712}	2Ω ¼W Wire Wound
1-203-385-00	R_{713}	15KΩ ⅜W Carbon
-358-00	R_{714}	220Ω 〃 〃
-382-00	R_{715}	7.5KΩ 〃 〃
-369-00	R_{801}	1.8KΩ 〃 〃
-366-00	R_{802}	820Ω 〃 〃
-360-00	R_{803}	330Ω 〃 〃
-367-00	R_{804}	1KΩ 〃 〃
	$*R_{805}$	
1-203-058-00	R_{806}	3.3KΩ ¼W 〃
-399-00	R_{807}	100KΩ ¼W Wire Wound
-381-00	R_{808}	6.8KΩ ⅜W Carbon
-011-00	R_{901}	100Ω ¼W 〃
1-201-131-00	R_{902}	330Ω 1/16W Composition
1-207-101-11	R_{903}	42Ω 5W Wire Wound
1-204-048-11	R_{904}	51Ω 1/16W Carbon
1-209-149-11	R_{905}	18Ω 1W 〃
		Capacitor
1-101-820-11	C_{301}	250PF 50WV Ceramic
-011-11	C_{302}	3PF 〃 〃
-011-11	C_{303}	3PF 〃 〃
-061-11	C_{304}	10PF 〃 〃
-061-11	C_{305}	10PF 〃 〃
-061-11	C_{306}	10PF 〃 〃
-012-11	C_{307}	5PF 〃 〃
-061-11	C_{308}	10PF 〃 〃
-004-11	C_{309}	0.01μF 〃 〃
1-121-178-00	C_{310}	3μF 12WV Electrolytic
1-101-004-11	C_{311}	0.01μF 50WV Ceramic
-004-11	C_{312}	0.01μF 〃 〃
-167-11	$*C_{313}$	1.5PF 〃 〃
-004-11	C_{314}	0.01μF 〃 〃
-061-11	C_{315}	10PF 〃 〃

* To be adjusted

Part No.	Symbol No.	Description
1-101-004-11	C_{316}	0.01μF 50WV Ceramic
1-121-106-00	C_{317}	5μF 6WV Electrolytic
1-101-004-11	C_{318}	0.01μF 50WV Ceramic
-004-11	C_{319}	0.01μF 〃 〃
-061-11	C_{320}	10PF 〃 〃
-093-11	C_{321}	6PF 〃 〃
-076-11	*C_{322}	0.5PF 〃 〃
1-121-102-00	C_{323}	30μF 6WV Electrolytic
1-101-004-11	C_{324}	0.01μF 50WV Ceramic
1-121-102-00	C_{325}	30μF 6WV Electrolytic
1-101-004-11	C_{326}	0.01μF 50WV Ceramic
1-121-219-00	C_{327}	500μF 12WV Electrolytic
1-101-004-11	C_{328}	0.01μF 50WV Ceramic
-010-11	C_{330}	2PF 〃 〃
-061-11	C_{331}	10PF 〃 〃
-061-11	C_{332}	10PF 〃 〃
-061-11	C_{333}	10PF 〃 〃
-061-11	C_{334}	10PF 〃 〃
-061-11	C_{335}	10PF 〃 〃
1-121-161-00	C_{337}	500μF 6WV Electrolytic
1-101-004-11	C_{338}	0.01μF 50WV Ceramic
-004-11	C_{339}	0.01μF 〃 〃
-004-11	C_{340}	0.01μF 〃 〃
1-121-118-00	C_{341}	10μF 12WV Electrolytic
1-101-004-11	C_{342}	0.01μF 50WV Ceramic
1-121-102-00	C_{343}	30μF 6WV Electrolytic
-250-00	C_{344}	2μF 12WV 〃
1-101-061-11	C_{351}	10PF 75WV Ceramic
-061-11	C_{352}	10PF 〃 〃
-011-11	C_{353}	3PF 〃 〃
-004-11	C_{354}	0.01μF 〃 〃
1-121-104-00	C_{355}	10μF 6WV Electrolytic
1-101-004-11	C_{356}	0.01μF 75WV Ceramic
-004-11	C_{357}	0.01μF 〃 〃
-076-11	C_{359}	0.5PF 〃 〃
-004-11	C_{360}	0.01μF 〃 〃
-004-11	C_{361}	0.01μF 〃 〃
1-121-201-05	C_{362}	100μF 15WV Electrolytic
1-101-004-11	C_{363}	0.01μF 75WV Ceramic
-076-11	C_{365}	0.5PF 〃 〃
-455-11	C_{367}	0.001μF 〃 〃
-455-11	C_{368}	0.001μF 〃 〃
1-121-104-00	C_{401}	10μF 6WV Electrolytic
1-101-011-11	C_{402}	3PF 50WV Ceramic
1-103-029-11	C_{403}	250PF 125WV Polystyrol
1-101-004-11	C_{404}	0.01μF 50WV Ceramic
1-103-010-11	C_{405}	200PF 125WV Polystyrol
1-101-004-11	C_{406}	0.01μF 50WV Ceramic
-007-11	C_{407}	0.05μF 〃 〃
-012-11	C_{408}	5PF 〃 〃
-818-11	C_{409}	25PF 〃 〃
-819-11	C_{410}	120PF 〃 〃
1-121-104-00	C_{411}	10μF 6WV Electrolytic
1-101-007-11	C_{412}	0.05μF 50WV Ceramic
-455-11	C_{413}	0.001μF 〃 〃

Part No.	Symbol No.	Description
1-121-249-11	C_{501}	20μF 10WV Electrolytic
1-105-665-12	C_{502}	0.0022μF 50WV Mylar
1-121-201-05	C_{503}	100μF 15WV Electrolytic
1-113-124-11	C_{504}	0.2μF 150WV Metalized Paper
1-121-126-01	C_{505}	10μF 100WV Electrolytic
1-113-122-11	C_{506}	0.05μF 500WV Metalized Papar
1-105-721-12	C_{507}	0.047μF 100WV Mylar
1-121-118-00	C_{551}	10μF 12WV Electrolytic
-201-05	C_{552}	100μF 15WV 〃
-102-00	C_{553}	30μF 6WV 〃
-121-00	C_{554}	200μF 12WV 〃
-122-00	C_{555}	50μF 12WV 〃
-232-11	C_{601}	3μF 25WV 〃
1-105-685-12	C_{602}	0.1μF 50WV Mylar
-681-12	C_{603}	0.047μF 〃 〃
1-121-230-11	C_{604}	1μF 25WV Electrolytic
1-105-669-12	C_{605}	0.0047μF 50WV Mylar
-675-12	C_{606}	0.015μF 〃 〃
-677-12	C_{607}	0.022μF 〃 〃
1-121-227-11	C_{608}	0.2μF 25WV Electrolytic
-233-11	C_{609}	5μF 〃 〃
-201-05	C_{610}	100μF 15WV 〃
-227-11	C_{611}	0.2μF 25WV 〃
1-101-424-11	C_{612}	500PF 250WV Ceramic
1-121-249-11	C_{701}	20μF 10WV Electrolytic
-186-11	C_{702}	1000μF 12WV 〃
-085-11	C_{703}	20μF 〃 〃
-249-11	C_{704}	20μF 10WV 〃
-233-11	C_{705}	5μF 25WV 〃
-249-11	C_{706}	20μF 10WV 〃
-188-05	C_{707}	50μF 12WV 〃
-227-11	C_{708}	0.2μF 25WV 〃
1-105-677-12	C_{801}	0.022μF 50WV Mylar
-683-12	C_{802}	0.068μF 〃 〃
-681-12	C_{803}	0.047μF 〃 〃
-683-12	C_{804}	0.068μF 〃 〃
-683-12	C_{805}	0.068μF 〃 〃
-679-12	*C_{806}	0.033μF 〃 〃
-685-12	C_{807}	0.1μF 〃 〃
-687-12	C_{808}	0.15μF 〃 〃
1-121-220-11	C_{809}	200μF 12WV Electrolytic
1-105-298-11	C_{810}	0.035μF 250WV Mylar
-274-11	C_{811}	0.01μF Mylar Block
-298-11	C_{812}	0.035μF 250WV Mylar Block
-274-11	C_{813}	0.01μF Mylar Block
1-121-220-11	C_{814}	200μF 12WV Electrolytic
1-105-753-12	C_{815}	0.01μF 200WV Mylar
1-113-122-11	C_{816}	0.05μF 500WV Metalized Paper
1-109-015-11	C_{901}	200PF 〃 Mica
-015-11	C_{902}	200PF 〃 〃
1-121-023-11	C_{903}	4000μF 15WV Electrolytic
1-119-101-05	C_{904}	100μF 12WV 〃
1-121-023-11	C_{905}	4000μF 15WV 〃
-220-11	C_{906}	200μF 12WV 〃

* To be adjusted

Part No.	Description	Q'ty
	Tuner Block	
Y-44041-21-1	UHF Tuner BT-163	1
Y-44045-65-1	VHF Tuner BT-401B	1
	Picture Tube	
73120999	230DB4	1

Part No.	Description	Q'ty
	AM SIF Block	
1-538-302-11	AM SIF Printed Circuit Board	1
1-508-109-00	IF Terminal	2
1-409-071-11	AM Sound Trap	1

Part No.	Description	Q'ty
	Cabinet & Appearance Items	
1-507-075-11	2P Jack	1
-123-11	Antenna Jack	1
-902-11	Jack Nut	1
1-501-066-11	Telescopic Antenna Compl.	1
4-002-764-00	// Top Piece	(1)
-850-01	// Ass'y	(1)
-840-01	Antenna Friction Ball	(1)
-841-01	Disk	(1)
-842-01	Spring for Antenna Holding	(1)
-843-01	Nylon Washer	(2)
-844-01	Telescopic Antenna Holder	(1)
-845-01	Pipe Metal Fitting	
4-004-538-01	Nut for Telescopic Ant. Holder	(1)
-539-01	Telescopic Antenna Mt'g Shaft	(1)
4-002-851-01	Lock Nut	(1)
1-536-103-11	Antenna Terminal Board	1
	Antenna Terminal Board Ass'y	(1)
1-417-014-11	Antenna Mt'g Transformer	(1)
-009-11	//	(1)
	RF Choke Coil L_1, L_2	(2)
1-101-633-11	Ceramic Capacitor 7PF ±0.5PF C_1, C_2	(2)
-002-11	Ceramic Capacitor 0.002μF C_3	(1)
1-203-910-11	Carbon Resistor RD 1/6W 51Ω R_1, R_3	(2)
-911-11	Carbon Resistor RD 1/6W 240Ω R_2	(1)
1-513-235-11	Slide Switch	(1)
4-004-544-02	Socket Spring Fixing Plate	(1)
-545-01	Antenna Terminal Board	(1)
-546-01	Socket Spring	(4)
	Flat Head Solid River	(4)
7-623-105-11	Washer	(2)
	Main Block	
1-502-126-11 -126-12	Speaker	1
1-508-044-13	9 Pole Connector	1
1-441-206-11	Power Transformer	1
1-536-104-11	1-2P Lug Terminal Board	1
-105-11	1-3P //	2
1-514-180-11	Push Switch	1
1-507-134-12	9 Pole Connector F	1
1-513-216-11	Charging Switch	1
1-532-031-11	Fuse 0.2A	1
1-530-013-11	Power Diode Ass'y	1
	Silicon Diode $D_{901, 902, 903, 904}$	(4)
4-001-040-00	Diode Mt'g Plate A	(1)
-041-00	// B	(1)
-042-00	Insulator	(2)
7-621-259-25	+P 2.6×4	3
1-506-098-11	4 Pole Plug with Fuse Holder	1
	Accessory	
Y-40046-57-1	Accessories Assembly	1
4-004-162-01	Accessory Poly. Bag	(1)
1-534-272-11	AC Cord Set	(1)
1-504-010-02	Earphone	(1)
X-40029-06-1	Spare Fuse Ass'y	(1)
1-532-031-11	Fuse	(2)

Part No.	Description	Q'ty
1-536-106-11	External Antenna Connector	(1)
4-004-541-01	Pin with Screw	(4)
-542-01	Eyelet Nut	(4)
-544-02	Board for EAC-8	(1)
7-624-105-01	Stopping Ring	(4)
	Deflection Yoke	
1-451-010-11	Deflection Yoke	1
	High Voltage Block	
1-453-011-12	High Voltage Cage Block Ass'y	1
4-004-531-02	High Voltage Cage	(1)
-532-02	High Voltage Rectifier Cover	(1)
-533-01	H. V. Cage Holding Plate	(1)
4-003-309-02	Core Holding Screw	(2)
7-622-105-01	// Nut No.	(2)
7-621-261-41	+P 3×6 for H. V. Cage	(2)
-722-51	+ Tapping 3×8 for H. V. Rectifier Cover	(1)
1-427-162-11	Horizontal Output H.V. Transformer	(1)
1-543-028-21	Ferrite Core	(1)
1-525-073-03	H. V. Rectifier	(1)
4-002-755-00	Contact Piece	(3)
4-004-534-01	Anode Cap for H. V. Rectifier	(1)
1-526-109-11	Anode Connector for Picture Tube	(1)
1-904-042-11	Nonframable Polyethylene Wire	150 mm
1-536-047-11	E-Type Terminal	(4)
1-902-037-11	Nonframable Polyethylene Wire	150 mm
4-003-310-11	12-20A Bobbin	(1)
4-004-547-02	Cover for H. V. Coil (A)	(1)
-548-02	// (B)	(1)
4-003-313-02	Bobbin for H. V. Coil	(1)
4-004-535-01	Terminal Board	(1)
-536-01	PVC Grommet	(1)
-537-02	Aluminium Spacer	(1)
7-632-111-09	PVC Tube	(1)
4-004-549-01	HV Lead Holding Fitting	(1)
7-632-114-09	PVC Tube	(1)
	Deflection Circuit Board Block	
1-538-304-11	Deflection Circuit Board	1
1-506-108-00	Circuit Connecting Pin	9
1-508-044-12	9 Pole Connector (M)	1
1-507-134-13	// (F)	1
1-526-061-12	Socket for Picture Tube	1
7-612-070-00	PVC Wire	350 mm
	D Type Metal Fitting	1
	Mica Spacer for Power Transistor	1
	Video & Sound Signal Circuit Board Block	
Y-40046-51-1	Video and Sound Signal Block	
1-538-301-11	Video and Sound Signal Circuit Board	1
1-515-041-11	Relay	1
1-507-109-00	IF Terminal	2
1-101-536-11	Encapsulated Component CR_{401}	1
	Trap and Filter Block	
Y-40046-58-1	Trap and Filter Block	
1-538-303-11	Trap and Filter Circuit Board	1
1-506-101-00	Circuit Connecting Pin	4

Mechanical Parts List

Part No.	Description	Q'ty
	1. General	
	Tuner Block Completed, including	1
Y-44041-21-1	UHF Tuner (BT-163)	(1)
Y-44045-65-1	VHF Tuner (BT-401B)	(1)
Y-40046-51-1	Video & Sound Signal Block	1
-53-1	Deflection Block	1
1-453-011-12	High Voltage Block	1
1-451-010-11	Deflection Yoke	1
Y-40046-52-1	Filter Block	
Y-40046-58-1	AM SIF Block	
	2. Mechanical Parts	
	2-1 Cabinet & Appearance Block	
X-40046-01-1	Cabinet Ass'y, including	1
4-004-601-01	Cabinet	(1)
-608-01	Dial Cover	(1)
-607-01	Decoration Panel	(1)
4-003-205-21	Badge " SONY "	(1)
-213-01	Nut for Front Panel Mounting	(2)
4-004-505-01	Cushion for Speaker Grille	(2)
-625-01	Foot (A)	(2)
-623-01	Switch Mounting Plate	1
X-40046-02-1	Speaker Grille Ass'y, including	1
4-004-603-01	Speaker Grille	(1)
4-005-520-01	Speaker Net	(1)
-627-01	Cushion for Switch Mounting Panel	(2)
3-804-510-01	Speaker Mounting Bracket	(4)
X-40046-03-1	Rear Cover Ass'y, including	1
4-004-602-01	Rear Cover	(1)
-626-01	Foot (B)	(2)
-616-01	Specification Label	1
-633-01	Picture Tube Neck Cover	1
4-003-214-01	Picture Tube Protector	1
-215-02	Dust Proof Rubber	1
X-40032-04-3	Picture Tube Mounting Bracket	1
4-004-510-01	Wire Ring for Picture Tube Mounting	1
4-003-220-02	Picture Tube Grounding Spring	1
-369-01	High Voltage Insulator	1
		mm
	Adhesive Tape	70
X-40046-04-1	Carrying Handle Ass'y, including	1
4-004-511-11	Carrying Handle	(1)
-512-01	Side Piece (Right)	(1)
-513-01	Side Piece (Left)	(1)
4-004-630-01	Attenuator Indicating Plate	(1)
-514-01	Handle Reinforcement	1
4-003-666-01	Insulation Bushing	1
-668-01	Antenna Terminal Lug	1
4-004-622-01	Volume Control Mounting Bracket	1
X-40046-05-1	Channel Selector Knob Ass'y, including	1
4-004-515-03	Channel Selector Knob	(1)
-604-01	Channel Segment (A)	(1)
-605-01	Channel Segment (B)	(1)
4-003-839-01	Spring for Channel Selector Knob	(1)
X-40045-05-1	Fine Tuning Knob Ass'y, including	1
4-004-518-01	Fine Tuning Knob	(1)
4-003-250-01	Spring for Fine Tuning Knob	(1)
4-004-553-01	Fine Tuning Knob Spacer	1
X-40045-06-1	Volume Control Knob Ass'y, including	1
4-004-519-01	Volume Control Knob	(1)
4-003-252-01	Spring for Volume Control Knob	(1)
4-004-606-01	Tuning Knob	1
4-002-635-00	Control Knob	4
4-004-624-01	Push Button	2
	2-2 Main Block	
X-40046-08-1	Chassis Ass'y, inciuding	1
4-004-619-02	Chassis	(1)
-621-1	Capacitor Holding Bracket	(1)
-523-02	Volume Control Mounting Bracket	(1)
-524-02	4P Plug Fixing Spacer	(1)
-620-01	Switch Mounting Bracket	(1)
-618-01	UHF Scale Mounting Bracket Ass'y	(1)
X-40046-06-1	Dial Block Ass'y	(1)
X-40032-19-1	Tuning Gear Ass'y	(1)
4-402-104-01	Black Cushion (B)	1
	2-3 Deflection, Video & Sound Signal Block	
X-40045-01-1	Deflection Board Ass'y	1
4-004-501-01	Heat Sink for Hor. Power Transistor	(1)
-502-01	Heat Sink for Tr. #229	(1)
4-002-107-01	Heat Sink for Hor. Driver Transistor	(1)
4-003-656-01	Heat Sink for Tr. #206	1
4-004-635-01	Width Coil Mounting Bracket	1
X-40046-54-1	Video & Sound Signal Board Shielding Plate Ass'y	1
4-004-628-01	Shield Case for Video & Sound Signal Board	1
-634-01	Shield Case for Antenna Terminal Board	1
-637-02	Adiabatic Fiber	1
	2-4 Accessories and Packing Materials	
4-004-525-02	Styro-foam Cushion (Right)	1
-526-01	Styro-foam Cushion (Left)	1
4-002-770-00	Polyethylene Bag	1
4-004-631-00	Packing Carton	1
-632-01	Master Carton for 2 Sets	1
X-44900-02-1	Polishing Cloth in Polyethylene Bag	1
4-495-107-10	Instruction for Use	1
X-40046-51-1	Card Ass'y	1
4-490-011-26	Serial No. Plate	1
	3. Screws, Washers and Miscellaneous	
	3-1 Cabinet and Appearance Block	
	Screws	
	(Minimum Q'ty Ordering : 100 pcs)	
7-621-261-65	+P 3×10 (for Speaker Grille)	2
-261-45	// 3×6 (for Volume Control Mounting Bracket)	1
-268-55	// 4×8 (for Rear Cover)	2
-270-15	// 4×56 (for Rear Cover)	2
-268-55	// 4×8 (for Chassis)	4
-261-45	// 3×6 (for Picture Tube)	4
-263-05	// 3×50 (for Picture Tube)	1
-561-45	+K 3×6 (for UHF Scale Mounting Bracket)	1
-261-55	+P 3×8 (for Switch Mounting Bracket)	1
-261-65	// 3×10 (for Antenna Terminal)	1
-559-48	+K 2.6×6 (for Volume Control Mounting Bracket)	1
-262-75	+P 3×35 (for Resistor)	1
-261-25	// 3×4 (for Lug 1-3P)	1

Part No.	Description	Q'ty
	Self-Tapping Screws	
	(Minimum Q'ty Ordering : 100 pcs)	
7-621-721-73	+K 2.6×6 (for Switch Mounting Bracket)	2
-722-42	+R 3×6 (for Speaker)	4
-722-51	〃 3×8 (for Picture Tube Neck Cover)	3
	Washers	
	(Minimum Q'ty Ordering : 100 pcs)	
7-623-208-22	3φ SW	7
-108-22	3φ W (large)	1
-110-02	4φ W (small)	2
-112-02	5φ W	1
-112-12	5φ SW	1
	Nuts	
	(Minimum Q'ty Ordering : 100 pcs)	
7-622-108-02	3φ (for Picture Tube)	2
-108-02	3φ (for Antenna Terminal)	2
-110-02	4φ (for Handle)	1
-112-02	5φ (for Antenna Fixing)	1
-312-02	5φ (for Antenna Fixing)	1
	3-2 Main Block	
	Screws	
	(Minimum Q'ty Ordering : 100 pcs)	
7-621-211-45	−P 3×6 (for Trap and Filter Circuit Board)	2
-263-05	+P 3×50 (for 4P Plug)	3
-261-45	〃 3×6 (for Power Transformer)	2
	(for Selenium Rectifier)	2
-261-55	〃 3×8 (for Electrolytic Capacitor Clamper)	2
	(for AM SIF Circuit Board)	1
-261-25	〃 3×4 (for Volume Control Mounting Bracket)	1
-262-65	〃 3×30 (for VHF Tuner Mounting Bracket)	2
	Self-Tapping Screws	
	(Minimum Q'ty Ordering : 100 pcs)	
7-621-722-42	+R 3×6	
	(for Lug 1-3P)	1
	(for Video and Signal Circuit Board)	3
	(for Deflection Circuit Board)	2
	(for High Voltage Block)	1
	(for Charging Switch)	2
-722-51	+R 3×8	
	(for Picture Tube Neck Cover)	1
	Washer	
	(Minimum Q'ty Ordering : 100 pcs)	
7-623-208-22	3φ SW	
	(for Power Transformer)	2
	(for Volume Control Mounting Bracket)	1
	(for Selenium Rectifier)	2

Part No.	Description	Q'ty
7-623-208-22	3φ SW	
	(for UHF Scale Mounting Bracket)	1
	(for VHF Tuner Mounting Bracket)	2
	Nut	
	(Minimum Q'ty Ordering : 100 pcs)	
7-622-108-02	3φ (for UHF Scale Mounting Bracket)	1
	3-3 Tuner Block	
	Screw	
	(Minimum Q'ty Ordering : 100 pcs)	
7-621-261-45	+P 3×6	
	(for Switch Mounting Bracket)	2
	(for Switch Mounting)	2
	(for UHF Scale Mounting Bracket)	2
	(for Tuning Shaft Mounting Bracket)	1
4-402-254-01	+P 2.6×25 (for UHF Tuner Mounting)	3
7-621-722-51	+R 3×8 (for Deflection Circuit Board)	2
	Washer	
	(Minimum Q'ty Ordering : 100 pcs)	
7-623-208-22	3φ SW	
	(for Switch Mounting Bracket)	2
	(for UHF Scale Mounting Bracket)	2
	(for Tuning Shaft Mounting Bracket)	1
	(for Switch Mounting)	2
	Set Screw	
	(Minimum Q'ty Ordering : 100 pcs)	
7-621-713-17	3φ×3 (for VC Gear)	2
	Eyelet	
	(Minimum Q'ty Ordering : 100 pcs)	
7-623-611-00	1.5φ×3 (for Tension Spring)	1
	Retaining Ring	
	(Minimum Q'ty Ordering : 100 pcs)	
7-624-105-01	E-2.3φ (for Pulley)	2
-106-01	E-3φ (for Drive Shaft)	1
-107-01	E-3.2φ (for Tuning Drum)	1
	3-4 Deflection, Video & Sound Signal Circuit Board Block	
	Screws	
	(Minimum Q'ty Ordering : 100 pcs)	
7-621-255-62	+P 2×10 (for Transistor Mounting)	2
-261-62	〃 3×10 (〃)	4
	Washers	
	(Minimum Q'ty Ordering : 100 pcs)	
7-623-207-02	2.6φ SW (for RF Relay)	1
-405-02	2φ (for Transistor Mounting External Tooth)	2
-408-02	3φ (for Transistor Mounting External Tooth)	4
	Nuts	
	(Minimum Q'ty Ordering : 100 pcs)	
7-622-305-02	2φ (for Transistor Mounting)	2
-207-02	2.6φ (for RF Relay)	1
-408-02	3φ (for Transistor Mounting)	4